

ID	NAME	CAS	SMILES	binding score (calc.) [kcal/mol]	binding score (pred.) [kcal/mol]	X%	ICR	split (t/v)	AD (IN/OUT)
1	10:2FTOH	865-86-1	C(CO)C(C(C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F	-9.50	-9.75	53.85	2.73	V	IN
2	10:2FTUCA	70887-94-4	C(=C(C(C(C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)C(=O)O	-9.60	-9.89	55.56	2.74	T	IN
3	4:2diPAPs	135098-69-0	C(COP(=O)(O)O)CCC(C(C(C(F)(F)F)(F)F)(F)F)(F)F)C(C(C(F)(F)F)(F)F)(F)F	-8.90	-9.43	40.91	2.96	T	IN
4	4:2FTOH	2043-47-2	C(CO)C(C(C(C(F)(F)F)(F)F)(F)F	-6.70	-7.02	42.86	1.91	V	IN
5	4:2FTS	757124-72-4	C(CS(=O)(=O)O)C(C(C(C(F)(F)F)(F)F)(F)F	-7.50	-7.29	37.50	2.17	T	IN
6	5:3FTCA	914637-49-3	C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)C(=O)O	-7.90	-7.78	42.31	2.24	T	IN
7	6:2 CI-PFESA	756426-58-1	C(C(C(C(F)(F)C)(F)F)(F)F)C(C(C(C(F)(F)S(=O)(=O)O)(F)F)(F)F)(F)F	-8.60	-9.28	54.84	2.51	V	IN
8	6:2FTOH	647-42-7	C(CO)C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F	-8.50	-8.15	48.15	2.23	T	IN
9	6:2FTS	27619-97-2	C(CS(=O)(=O)O)C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F	-8.30	-8.34	43.33	2.44	T	IN
10	6:2FTUCA	70887-88-6	C(=C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)C(=O)O	-8.70	-8.30	50.00	2.24	T	IN
11	6:2PAPs	57678-01-0	C(COP(=O)(O)O)C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F	-8.80	-8.32	40.63	2.51	T	IN
12	8:2FTOH	678-39-7	C(CO)C(C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F	-9.20	-9.03	51.52	2.50	T	IN
13	8:2FTS	39108-34-4	C(CS(=O)(=O)O)C(C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F	-9.50	-9.18	47.22	2.68	T	IN
14	8:2FTUCA	70887-84-2	C(=C(C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F)C(=O)O	-9.80	-9.18	53.33	2.51	T	IN
15	EtFOSA	4151-50-2	C(CN(S(=O)(=O)O)C(C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F	-9.4	-9.09	45.95	2.68	T	IN
16	EtFOSE	1691-99-2	C(CN(CCO)S(=O)(=O)C(C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F	-8.40	-8.75	38.64	2.74	T	IN
17	FOSA	754-91-6	C(C(C(C(C(F)S(=O)(=O)N)(F)F)(F)F)C(C(C(F)(F)F)(F)F)(F)F)(F)F	-9.40	-9.11	54.84	2.44	V	IN
18	MeFOSA	31506-32-8	C(N(S(=O)(=O)C(C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F	-9.30	-8.95	50.00	2.51	V	IN
19	MeFOSE	24448-09-7	C(N(CCO)S(=O)(=O)C(C(C(C(C(C(C(F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F	-8.60	-8.94	41.46	2.74	T	IN
20	Mhopfca n=6	-	C(C(=O)O)OCC(C(C(C(C(C(F)F)(F)F)(F)F)(F)F)(F)F	-8.60	-8.53	43.33	2.52	T	IN
21	Mhopfca n=7	-	C(C(=O)O)OCC(C(C(C(C(C(C(F)F)(F)F)(F)F)(F)F)(F)F)(F)F	-8.60	-9.11	45.45	2.70	T	IN
22	Mhopfca n=8	-	C(C(=O)O)OCC(C(C(C(C(C(C(C(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F	-8.90	-9.33	47.22	2.74	V	IN
23	PFBA	375-22-4	C(=O)C(C(C(F)F)(F)F)(F)F)O	-6.20	-6.41	50.00	1.46	T	IN
24	PFBS	375-73-5	C(C(C(F)F)S(=O)(=O)O)(F)F)(C(F)F)(F)F	-7.40	-7.21	50.00	1.79	T	IN
25	PFCHS	2106-55-0	C1(C(C(C(C(C1(F)F)(F)F)F)S(=O)(=O)O)(F)F)(F)F	-6.00	-6.43	50.00	1.47	V	IN
26	PFDA	335-76-2	C(=O)C(C(C(C(C(C(C(C(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)O	-9.40	-9.59	59.38	2.51	T	IN
27	PFETs	354-88-1	C(C(F)F)S(=O)(=O)O)(F)F	-5.20	-5.50	41.67	1.32	T	IN
28	PFHpA	375-85-9	C(=O)C(C(C(C(C(C(F)F)(F)F)(F)F)(F)F)(F)F)O	-8.50	-8.54	56.52	2.16	V	IN
29	PFHpS	375-92-8	C(C(C(C(F)F)F)(F)F)(F)F)(C(C(C(F)F)S(=O)(=O)O)(F)F)(F)F	-9.30	-8.67	55.56	2.24	T	IN
30	PFHxA	307-24-4	C(=O)C(C(C(C(C(F)F)(F)F)(F)F)(F)F)O	-7.50	-7.81	55.00	1.90	T	IN
31	PFHxPA	40143-76-8	C(C(C(C(F)F)P(=O)(O)O)(F)F)(F)F)(C(C(F)F)F)(F)F	-8.80	-8.21	52.00	2.15	T	IN
32	PFHxS	355-46-4	C(C(C(C(F)F)S(=O)(=O)O)(F)F)(F)F)(C(C(F)F)F)(F)F	-8.50	-8.36	54.17	2.15	T	IN
33	PFNA	375-95-1	C(=O)C(C(C(C(C(C(C(C(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)O	-9.70	-9.39	58.62	2.45	T	IN
34	PFNS	68259-12-1	C(C(C(C(C(F)F)(F)F)(F)F)(F)F)(C(C(C(C(F)F)S(=O)(=O)O)(F)F)(F)F)(F)F	-9.20	-9.46	57.58	2.51	T	IN
35	PFOA	335-67-1	C(=O)C(C(C(C(C(C(C(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)O	-8.90	-8.82	57.69	2.24	T	IN
36	PFOPA	40143-78-0	C(C(C(C(C(F)F)P(=O)(O)O)(F)F)(F)F)(C(C(C(F)F)F)(F)F)(F)F	-8.80	-9.11	54.84	2.44	V	IN
37	PFOS	1763-23-1	C(C(C(C(C(F)F)S(=O)(=O)O)(F)F)(F)F)(C(C(C(F)F)(F)F)(F)F)(F)F	-9.40	-9.23	56.67	2.44	T	IN
38	PFPEa	2706-90-3	C(=O)C(C(C(C(F)F)(F)F)(F)F)O	-6.60	-7.45	52.94	1.81	T	IN
39	PFPeS	2706-91-4	C(C(C(F)F)(F)F)(C(C(F)F)S(=O)(=O)O)(F)F)(F)F	-7.60	-7.63	52.38	1.90	V	IN
40	PFPrA	422-64-0	C(=O)C(C(C(F)F)F)O	-5.40	-5.86	45.45	1.36	T	IN
41	PFPrS	110676-15-8	C(C(F)F)(C(F)F)S(=O)(=O)O)(F)F	-6.20	-6.16	46.67	1.45	T	IN
42	PFUdA	2058-94-8	C(=O)C(C(C(C(C(C(C(C(C(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)(F)F)O	-9.30	-10.06	60.00	2.69	T	IN
43	TFA	76-05-1	C(=O)C(F)F)O	-4.30	-4.11	37.50	0.86	T	OUT

[illegible]

QL00157	Potassium nonafluoropentanoate	336-23-2	[K+].[O-]C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.97	52.94	2.02	P	IN
QL00158	Potassium heptafluorobutanoate	2966-54-3	[K+].[O-]C(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.05	50.00	1.73	P	IN
QL00159	Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	67118-55-2	[K+].[O-]C(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)F	-7.96	52.38	2.03	P	IN
QL00160	Perfluoro-2-[3-methoxypropoxy]propanoic acid potassium salt	496805-64-2	[K+].[O-]C(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)F	-8.68	52.00	2.34	P	IN
QL00161	Potassium 2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propionate	67118-57-4	[K+].[O-]C(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.33	54.84	2.53	P	IN
QL00162	Potassium 2,3,4,5-tetrachloro-6-[[[3-[[[(heptafluorooctyl)sulphonyl]oxy]phenyl]amino]carbonyl]benzoate	57589-85-2	[K+].[O-]C(=O)c1c(Cl)c(Cl)c(Cl)c1C(=O)Nc2cccc(OS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)c2	-10.23	36.84	3.40	P	OUT
QL00163	Potassium 2,3,4,5-tetrachloro-6-[[[3-[[[pentadecafluoroheptyl)sulphonyl]oxy]phenyl]amino]carbonyl]benzoate	68541-01-5	[K+].[O-]C(=O)c1c(Cl)c(Cl)c(Cl)c1C(=O)Nc2cccc(OS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)c2	-9.90	35.19	3.31	P	OUT
QL00164	Potassium 2,3,4,5-tetrachloro-6-[[[3-[[[tridecafluorohexyl)sulphonyl]oxy]phenyl]amino]carbonyl]benzoate	68815-72-5	[K+].[O-]C(=O)c1c(Cl)c(Cl)c(Cl)c1C(=O)Nc2cccc(OS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)c2	-9.66	33.33	3.26	P	OUT
QL00165	Potassium 2,3,4,5-tetrachloro-6-[[[3-[[[undecafluoropentyl)sulphonyl]oxy]phenyl]amino]carbonyl]benzoate	68541-02-6	[K+].[O-]C(=O)c1c(Cl)c(Cl)c(Cl)c1C(=O)Nc2cccc(OS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)c2	-9.26	31.25	3.16	P	OUT
QL00166	Potassium 2,3,4,5-tetrachloro-6-[[[3-[[[nonafluorobutyl)sulphonyl]oxy]phenyl]amino]carbonyl]benzoate	68568-54-7	[K+].[O-]C(=O)c1c(Cl)c(Cl)c(Cl)c1C(=O)Nc2cccc(OS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)c2	-8.92	28.89	3.08	P	OUT
QL00167	Potassium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptafluoroundecanoate	83310-58-1	[K+].[O-]C(=O)CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.57	48.57	2.80	P	IN
QL00168	Potassium [(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctane-1-sulfonyl)amino]acetate	75260-69-4	[K+].[O-]C(=O)CNS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.50	45.95	2.85	P	IN
QL00169	Potassium 1,1,2,3,3,3-hexafluoro-2-(trifluoromethyl)propanesulphonate	93762-10-8	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.77	50.00	1.61	P	IN
QL00170	Potassium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuorododecane-1-sulphonate	85187-17-3	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.75	59.52	2.99	P	OUT
QL00171	Potassium henicosafuorodecanesulphonate	2806-16-8	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.20	58.33	2.79	P	OUT
QL00172	Perfluorononanesulphonate potassium	29359-39-5	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.76	57.58	2.63	P	IN
QL00173	Potassium heptafluorooctane-1-sulphonate	2795-39-3	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.55	56.67	2.57	P	IN
QL00174	Potassium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonate	60270-55-5	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.02	55.56	2.38	P	IN
QL00175	PFHS-K	3871-99-6	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.76	54.17	2.31	P	IN
QL00176	Potassium perfluoropentanesulphonate	3872-25-1	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.07	52.38	2.08	P	IN
QL00177	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	29420-49-3	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.72	50.00	2.00	P	IN
QL00178	Potassium 1,1,2,2,3,3,4,4-octafluorobutane-1-sulphonate	70259-85-7	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.39	44.44	2.02	P	IN
QL00179	Potassium 1,1,2,2-tetrafluoro-2-[[[1,1,1,2,3,3,3-hexafluoro-3-(pentafluoroethoxy)propan-2-yl]oxy]ethane-1-sulfonate	70755-50-9	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)F	-9.19	51.72	2.56	P	IN
QL00180	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	73606-19-6	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)Cl	-9.57	54.84	2.63	P	IN
QL00181	Perfluoro-2-(hexyloxy)ethane-1-sulfonic acid potassium salt	68136-88-9	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.57	54.84	2.63	P	IN
QL00182	Potassium 1,1,2,2-tetrafluoro-2-(pentafluoroethoxy)ethane-1-sulfonate	117205-07-9	[K+].[O-]S(=O)(=O)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)F	-7.75	47.37	2.09	P	IN
QL00183	Cyclohexanesulfonic acid, decafluoro(trifluoromethyl)-, potassium salt (11)	68156-07-0	[K+].[O-]S(=O)(=O)C1(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1)F	-7.12	52.00	1.70	P	IN
QL00184	Potassium 1,2,2,3,3,4,4,5,5,6,6-decafluoro-4-(pentafluoroethyl)cyclohexanesulphonate	335-24-0	[K+].[O-]S(=O)(=O)C1(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1)F	-8.84	53.57	2.36	P	IN
QL00185	Potassium undecafluorocyclohexanesulphonate	3107-18-4	[K+].[O-]S(=O)(=O)C1(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1)F	-6.93	50.00	1.67	P	IN
QL00186	Potassium 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonate	59587-38-1	[K+].[O-]S(=O)(=O)CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.69	43.33	2.58	P	IN
QL00187	Potassium 5,5,6,6,7,7,8,8,8-nonafluorooctane-1-sulfonate	1604816-60-5	[K+].[O-]S(=O)(=O)CCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.76	30.00	2.57	P	OUT
QL00188	Potassium 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl sulfate	1262446-14-9	[K+].[O-]S(=O)(=O)OCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.13	48.84	3.03	P	OUT
QL00189	Potassium 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl sulfate	1262446-13-8	[K+].[O-]S(=O)(=O)OCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.50	45.95	2.85	P	IN
QL00190	3-[(Perfluorooctane-1-sulfonyl)amino]-N,N-dimethylpropan-1-amine N-oxide potassium	178094-69-4	[K+].C[N+](C)([O-])CCC[N-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.19	34.69	3.03	P	IN
QL00191	3-[(Perfluoroheptane-1-sulfonyl)amino]-N,N-dimethylpropan-1-amine N-oxide potassium salt	178094-70-7	[K+].C[N+](C)([O-])CCC[N-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.97	32.61	3.00	P	OUT
QL00192	3-[(Perfluorohexane-1-sulfonyl)amino]-N,N-dimethylpropan-1-amine N-oxide potassium salt	178094-71-8	[K+].C[N+](C)([O-])CCC[N-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.47	30.23	2.86	P	OUT

QL00193	3-[(Perfluoropentane-1-sulfonyl)amino]-N,N-dimethylpropan-1-amine N-oxide potassium salt	178094-72-9	[K+].[C][N+](C)[O]([O-])CCC[N-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.20	27.50	2.82	P	OUT
QL00194	3-[(Perfluorobutane-1-sulfonyl)amino]-N,N-dimethylpropan-1-amine N-oxide potassium salt	178094-73-0	[K+].[C][N+](C)[O]([O-])CCC[N-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.60	24.32	2.66	P	OUT
QL00195	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt (TSCA, DSL, AICS)	67584-42-3	[K+].C1(C(C(C(C(C1F)(F)(F)(F)(F)(F)(F)F(S(=O)(=O)[O-]))C(C)(F)(F)(F)F	-7.97	53.57	2.01	P	IN
QL00196	Potassium N-propyl-N-((tridecafluoroheptyl)sulphonyl)glycinate	85665-66-3	[K+].CCCN(CC([O-])=O)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.09	32.50	2.64	P	IN
QL00197	Potassium N-[(heptadecafluoroctyl)sulphonyl]-N-propylglycinate	55910-10-6	[K+].CCCN(CC(=O)[O-])S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.90	36.96	2.85	P	IN
QL00198	Potassium N-ethyl-N-[(heptadecafluoroctyl)sulphonyl]glycinate	2991-51-7	[K+].CCN(CC(=O)[O-])[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.09	39.53	2.85	P	IN
QL00199	Potassium N-ethyl-N-[(pentadecafluoroheptyl)sulphonyl]glycinate	67584-62-7	[K+].CCN(CC(=O)[O-])[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.83	37.50	2.81	P	IN
QL00200	Potassium N-ethyl-N-[(tridecafluoroheptyl)sulphonyl]glycinate	67584-53-6	[K+].CCN(CC(=O)[O-])[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.28	35.14	2.65	P	IN
QL00201	Potassium N-ethyl-N-[(undecafluoropentyl)sulphonyl]glycinate	67584-52-5	[K+].CCN(CC(=O)[O-])S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.97	32.35	2.59	P	IN
QL00202	Potassium N-ethyl-N-[(nonafluorobutyl)sulphonyl]glycinate	67584-51-4	[K+].CCN(CC(=O)[O-])S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.29	29.03	2.40	P	OUT
QL00203	1-[2-{Ethyl[(perfluorooctyl)sulfonyl]amino}ethyl]butanedioate potassium	92340-26-6	[K+].CCN(CCOCC(=O)CCCC([O-]))O)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.67	30.91	3.33	P	OUT
QL00204	Potassium N-[(heptadecafluoroctyl)sulphonyl]-N-methylglycinate	70281-93-5	[K+].CN(CC(=O)[O-])S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.28	42.50	2.85	P	IN
QL00205	Potassium N-(perfluoro-7-methyloctyl)-2-hydroxypropyl)-N-methylaminoacetate	94159-89-4	[K+].CN(CC(O)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C([O-])=O	-9.36	38.00	3.01	P	IN
QL00206	Potassium N-(perfluorooctyl)-2-hydroxypropyl)-N-methylglycinate	94159-87-2	[K+].CN(CC(O)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C([O-])=O	-9.33	36.17	3.05	P	IN
QL00207	Potassium bis(perfluoroheptyl)difluoroborate	937038-66-9	[K+].F[B-]](F)(F)(F)(F)(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-11.23	66.67	2.99	P	OUT
QL00208	Potassium N,N-Bis(perfluorobutanesulfonyl)amide	129135-87-1	[K+].FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)[N-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.73	52.94	2.75	P	IN
QL00209	Potassium 4,4,5,5,6,6-hexafluoro-1,1,3,3-tetraoxo-1lambda~6~,3lambda~6~-2-dithiazinan-2-ide	588668-97-7	[K+].FC1(F)C(F)(F)S(=O)(=O)[N-]S(=O)(=O)C1(F)F	-5.56	35.29	1.52	P	IN
QL00210	Potassium decafluoro(pentafluoroethyl)cyclohexanesulphonate	67584-42-3	[K+].O=S(=O)([O-])C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)(F)C(F)(F)C(F)(F)F	-7.97	53.57	2.01	P	IN
QL00211	Lanthanum, tris(6,6,7,7,8,8-heptafluoro-2,2-dimethyl-3,5-octanedionato-βO3,BO5)-	19106-89-9	[La+3].CC(C)(C)C(Cl([O-])=CC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F.CC(C)(OC(C([O-])=CC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F.CC(C)(OC(C([O-])=CC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F.[Li+].[H]C([H])(OC(=O)CCSCC([O-]))=OC(C(=O)OC(C([H])([H])C([H])([H])C(F)(F)C(F)(F)C(F)(F)C(F)(F)C([H])([H])C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.53	23.86	2.24	P	OUT
QL00212	Bis(perfluorobutyl)ethyl) 2-[(carboxymethyl)thio]butanedioate lithium salt	503534-33-6)])=OC(C(=O)OC(C([H])([H])C([H])([H])C(F)(F)C(F)(F)C(F)(F)C(F)(F)C([H])([H])C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.62	31.58	3.30	P	OUT
QL00213	Isooctanesulfonic acid, heptadecafluoro-, lithium salt	93894-67-8	[Li+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.99	56.67	2.34	P	IN
QL00214	3-[(3,3,4,4,5,5,6,6,7,7,8,8-Tridecafluoroethyl)thio]propanoic acid lithium salt	433333-62-1	[Li+].[O-]C(=O)CCSCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.95	36.11	2.89	P	IN
QL00215	Lithium 1,1,1,3,3,4,4-heptafluoro-4-[(1,1,1,2,3,3,3-heptafluoropropan-2-yl)oxy]-2-(trifluoromethyl)butan-2-olate	78740-39-3	[Li+].[O-]C(C(F)(F)F)C(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)F)C(F)(F)F	-8.79	60.71	2.15	P	IN
QL00216	Lithium heptadecafluoroctanesulphonate	29457-72-5	[Li+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.55	56.67	2.57	P	IN
QL00217	Lithium perfluoroheptanesulfonate	117806-54-9	[Li+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.02	55.56	2.38	P	IN
QL00218	Lithium perfluoroheptanesulfonate	55120-77-9	[Li+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.76	54.17	2.31	P	IN
QL00219	Lithium nonafluorobutane-1-sulfonate	131651-65-5	[Li+].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.72	50.00	2.00	P	IN
QL00220	Lithium 5,5,6,6,7,7,8,8,8-nonafluorooctane-1-sulfonate	1604816-75-2	[Li+].[O-]S(=O)(=O)CCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.76	30.00	2.57	P	OUT
QL00221	Lithium salt N,N-bis(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamine	476304-39-9	[Li+].CC(CSCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C([O-])=O	-9.45	37.78	3.05	P	IN
QL00222	Lithium salt	119229-99-1	[Li+].FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)[N-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.73	52.94	2.75	P	IN
QL00223	Lithium bis[(pentafluoroethyl)sulfonyl]azanide	132843-44-8	[Li+].FC(F)(F)C(F)(F)S(=O)(=O)[N-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.03	45.45	2.25	P	IN
QL00224	Lithium 4,4,5,5,6,6-hexafluoro-1,1,3,3-tetraoxo-1lambda~6~,3lambda~6~-2-dithiazinan-2-ide	189217-62-7	[Li+].FC1(F)C(F)(F)S(=O)(=O)[N-]S(=O)(=O)C1(F)F	-5.56	35.29	1.52	P	IN
QL00225	Magnesium heptadecafluoroisooctanesulphonate	93894-73-6	[Mg++].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F.[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.93	57.63	2.29	P	IN
QL00226	Magnesium nonafluorobutanesulphonate	507453-86-3	[Mg++].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F.[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.64	51.43	1.93	P	IN
QL00227	Magnesium bis[heptadecafluoroctanesulphonate]	91036-71-4	[Mg+2].[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F.[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.50	57.63	2.53	P	IN
QL00228	Sodium hydrogen ((perfluoroheptyl)ethyl)phosphonate	1189052-95-6	[Na+].[H]C([H])(CP(O)([O-])=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.59	41.94	2.58	P	IN
QL00229	Sodium 3-(methyl(3-((tridecafluoroheptyl)sulphonyl)amino)propyl)amino)pr	80621-17-6	[Na+].[H]N(CCCN(C)CCCS([O-])=(O)=O)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.93	25.00	3.19	P	OUT

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QL01033	Disulfides, bis(gamma-, omega- perfluoro-C6-20-alkyl)	118400-71-8	CC(F)(F)C(F)(F)C(F)(F)CCSSCCCC(F)(F)C(F)(F)C(C)C(F)F	-7.83	30.00	2.60	P	OUT
QL01034	1,1,1,2,2,3,3-heptafluorobutane	662-00-0	CC(F)(F)C(F)(F)C(F)(F)F	-6.07	50.00	1.32	P	IN
QL01035	6-(1,1-Difluoroethoxy)-1,1,1,2,2,3,3,4,4,5,5-undecafluorohexane	197963-86-3	CC(F)(F)OCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.15	48.15	2.23	P	IN
QL01036	4-(1,1-Difluoroethoxy)-1,1,1,2,2,3,3-heptafluorobutane	1365808-20-3	CC(F)(F)OCC(F)(F)C(F)(F)C(F)(F)F	-7.01	42.86	1.91	P	IN
QL01037	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafiuoro-12-iodotridecane	38550-36-6	CC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.76	53.66	2.74	P	IN
QL01038	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iodoundecane	38550-35-5	CC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.05	51.43	2.51	P	IN
QL01039	1-(Perfluoroheptyl)-2-iodopropane	25291-12-7	CC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.80	50.00	2.45	P	IN
QL01040	1-(Perfluoroethyl)-2-iodopropane	38550-34-4	CC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.17	48.28	2.24	P	IN
QL01041	1,1,1,2,2,3,3,4,4-Nonafluoro-6-iodoheptane	89889-25-8	CC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.04	43.48	1.90	P	IN
QL01042	3,3,4,4,5,5-Heptafluoropentane-2-amine	1446355-42-5	CC(N)C(F)(F)C(F)(F)C(F)(F)F	-5.52	36.84	1.46	P	IN
QL01043	2-Amino-4,4,5,5,6,6,6-heptafluorohexan-3-ol	355-88-4	CC(N)C(O)C(F)(F)C(F)(F)C(F)(F)F	-5.98	30.43	1.83	P	IN
QL01044	2,2,3,3,4,4,4-Heptafluoro-N-(1-phenylethyl)butanamide	51241-61-3	CC(NC(=O)C(F)(F)C(F)(F)C(F)(F)F)C1=CC=CC=C1	-6.91	22.58	2.43	P	OUT
QL01045	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)-N-[1-phenylethyl]propanamide	98873-61-1	CC(NC(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)F)C(F)(F)F)c1ccccc1	-7.96	28.95	2.68	P	OUT
QL01046	N'-[(2E)-5,5,6,6,7,7,7-Heptafluoro-4-oxohept-2-en-2-yl]-4-nitrobenzohydrazide	203201-05-2	CC(NNC(=O)c1cccc(cc1)[(O-)](O)=C/C(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.87	18.42	2.94	P	OUT
QL01047	N'-[(2Z)-5,5,6,6,7,7,8,8,9,10,10,11,11,12,12-Heptadecafluoro-4-oxododec-2-en-2-yl]benzohydrazide	203200-82-2	CC(NNC(=O)c1cccc1)=CC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.61	33.33	3.24	P	OUT
QL01048	N'-[(2Z)-5,5,6,6,7,7,7-Heptafluoro-4-oxohept-2-en-2-yl]benzohydrazide	203200-76-4	CC(NNC(=O)c1cccc1)=CC(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.42	19.44	2.72	P	OUT
QL01049	N-[3-{Dimethylamino}propyl]-perfluoro-1-hexanesulfonamide acetate	73772-33-5	CC(O)=O.CN(C)CCCN(S(=O)(=O)=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.65	26.00	3.05	P	OUT
QL01050	Acetic acid-4-(heptafluoropropyl)phenol (1/1)	61324-27-4	CC(O)=O.OC1=CC=C(C=C1)C(F)(F)C(F)(F)C(F)(F)F	-7.44	23.33	2.62	P	OUT
QL01051	3,3,4,4,5,5,6,6,7,7,8,8-Tridecafluorooctan-2-ol	64773-44-0	CC(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.98	48.15	2.16	P	IN
QL01052	1H,1H,1H,2H-Perfluoro-2-heptanol	914637-05-1	CC(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.19	45.83	1.90	P	IN
QL01053	1-Perfluoropropylethanol	375-14-4	CC(O)C(F)(F)C(F)(F)C(F)(F)F	-5.66	38.89	1.46	P	IN
QL01054	1-Pentafluoroethylenealcohol	374-40-3	CC(O)C(F)(F)C(F)(F)F	-5.04	33.33	1.36	P	IN
QL01055	3,3,4,5,5,6,6,7,7,7-Decafluoroheptan-2-ol	7618-17-9	CC(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.93	41.67	1.91	P	IN
QL01056	3,3,4,4-Tetrafluoro-2-butanol	17425-25-1	CC(O)C(F)(F)C(F)F	-4.67	26.67	1.39	P	OUT
QL01057	4,4,5,5,6,6,7,7,8,9,9-Dodecafluoro-2-{2-hydroxypropyl}-8-(trifluoromethyl)non-2-enoate	16083-75-3	CC(O)CC(=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C([O-])=O	-8.11	38.46	2.48	P	IN
QL01058	4(perfluorooctyl)-2-butanol	149868-74-6	CC(O)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.95	43.59	2.69	P	IN
QL01059	2,2,3,3,4,4,5,5,6,6,7,7,8,8-Pentadecafluoro-N-{2-hydroxypropyl}octanamide	1407514-44-6	CC(O)CNC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.77	40.54	2.69	P	IN
QL01060	3,3-Dimethylbutan-2-yl 2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoate	107368-63-8	CC(OC(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)C)C	-8.37	34.69	2.69	P	IN
QL01061	1-(2,2,3,3,4,4,4-Heptafluorobutoxy)methyl acetate	378-08-5	CC(OC(C(F)(F)C(F)(F)C(F)(F)F)OC)C(=O)C	-6.61	25.93	2.21	P	OUT
QL01062	1,1'-(Oxybis((2-methylethylene)oxy))bis[3-(perfluoro-9-methyldecyl)propan-2-ol]	93776-04-6	CC(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)F)F)C(C)C(OC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[illegible]

QL01120	4-(1,1,2,3,3,3-Heptafluoropropan-2-yl)-2-methyl-3-(2-methylpropane-2-sulfonyl)benzoic acid	1355554-59-4	Cc1c(ccc(c1S(=O))=O)C(C)(C)C(F)(C)(F)(F)(F)(F)C(O)=O	-5.75	16.67	2.11	P	OUT
QL01121	4-(1,1,2,3,3,3-Heptafluoropropan-2-yl)-2-methyl-3-(2-methylpropane-2-sulfonyl)benzoic acid	1355554-39-0	Cc1c(ccc(c1S(=O)C(C)(C)C(F)(C)(F)(F)(F)(F)C(O)=O	-5.78	17.07	2.12	P	OUT
QL01122	4-(1,1,2,3,3,3-Heptafluoropropan-2-yl)-3-(methanesulfonyl)-2-methylbenzoic acid	1355554-41-4	Cc1c(ccc(c1S(C)=O)=O)C(F)(C)(F)(F)(F)(F)C(O)=O	-6.24	21.21	2.19	P	OUT
QL01123	4-(1,1,2,3,3,3-Heptafluoropropan-2-yl)-3-(methanesulfonyl)-2-methylbenzoic acid	1355554-19-6	Cc1c(ccc(c1S(C)=O)C(F)(C)(F)(F)(F)(F)C(O)=O	-6.29	21.88	2.19	P	OUT
QL01124	3-(tert-Butylsulfonyl)-4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2-methylbenzoic acid	1355554-16-3	Cc1c(ccc(c1SC(C)(C)C(F)(C)(F)(F)(F)(F)C(O)=O	-5.80	17.50	2.11	P	OUT
QL01125	3-Methyl-2-(nonafluorobutyl)-1H-indole	1622133-36-1	Cc1c(Nc2cccc12)C(F)(F)(F)(F)(C(F)(F)(F)(F	-6.91	29.03	2.25	P	IN
QL01126	2-(Heptafluoropropyl)-3-methyl-1H-indole	1030606-42-8	Cc1c(Nc2cccc12)C(F)(F)(C(F)(F)(F)(F	-6.39	25.00	2.15	P	OUT
QL01127	5-Methyl-6-[(3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoroctyl)sulfonyl]hexahydro-4,7-methano-2-benzofuran-1,3-dione	94413-32-8	CC1C2CC(C1SCCC(F)C(F)(F)(C(F)(F)(C(F)(F)C(F)(F)C1C2C(=O)OC1=O	-8.26	26.00	2.89	P	OUT
QL01128	6-[(4,6-Dimethylpyrimidin-2-yl)sulfonyl]-3-(heptafluoropropyl)[1,2,4]triazolo[4,3-b]pyridazine	351346-36-6	Cc1cc(C)nc(Sc2ccc3nnc(n3n2)C(F)(F)(C(F)(F)(F)F)n1	-7.28	18.92	2.68	P	OUT
QL01129	2-Bromo-4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-6-methylaniline	1770825-71-2	Cc1cc(cc(Br)c1N)C(F)(C)(F)(F)(F)(F)F	-6.17	30.77	1.90	P	IN
QL01130	2-Bromo-5-(1,1,2,3,3,3-heptafluoropropan-2-yl)-1,3-dimethylbenzene	353272-55-6	Cc1cc(cc(C)c1Br)C(F)(C)(F)(F)(F)(F)F	-6.09	29.63	1.90	P	IN
QL01131	4-(1,1,2,3,3,3-Heptafluoropropan-2-yl)-2,6-dimethylbenzaldehyde	1771743-29-3	Cc1cc(cc(C)c1C=O)C(F)(C)(F)(F)(F)(F)F	-6.46	24.14	2.20	P	OUT
QL01132	4-(1,1,2,3,3,3-Heptafluoropropan-2-yl)-2,6-dimethylaniline	273735-43-6	Cc1cc(cc(C)c1N)C(F)(C)(F)(F)(C(F)(F)F	-5.72	24.14	1.90	P	OUT
QL01133	3-Benzamido-2,6-difluoro-N-[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]benzamide	862133-36-6	Cc1cc(cc(C)c1NC(=O)c1c(F)ccc(NC(=O)c2ccccc2)c1F)C(F)(C)(F)(F)(C(F)(F)F	-8.10	16.36	3.09	P	OUT
QL01134	5-Benzamido-2,4-dibromo-N-[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]benzamide	862133-37-7	Cc1cc(cc(C)c1NC(=O)c1cc(NC(=O)c2ccccc2)c(Br)cc1Br)C(F)(C)(F)(F)(C(F)(F)F	-8.08	16.36	3.08	P	OUT
QL01135	2,4-Difluoro-N-(2-fluoro-5-[[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl)benzamide	862133-29-7	Cc1cc(cc(C)c1NC(=O)c1ccc(F)c(NC(=O)c2ccc(F)cc2F)c1)C(F)(C)(F)(F)(C(F)(F)F	-8.48	18.18	3.20	P	OUT
QL01136	2,3,4,5,6-Pentafluoro-N-3-[[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl)benzamide	862130-96-9	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2c(F)c(F)c(F)c2F)c1)C(F)(C)(F)(F)(C(F)(F)F	-8.68	21.82	3.18	P	OUT
QL01137	2,3,6-Trifluoro-N-(3-[[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl)benzamide	862130-95-8	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2c(F)ccc(F)c2F)c1)C(F)(C)(F)(F)(C(F)(F)F	-8.10	18.18	3.04	P	OUT
QL01138	2,5-Difluoro-N-(3-[[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl)benzamide	862130-67-4	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2cc(F)ccc2F)c1)C(F)(C)(F)(F)(C(F)(F)F	-8.01	16.36	3.05	P	OUT
QL01139	4-Chloro-N-(3-[[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl)-2-nitrobenzamide	862130-91-4	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(Cl)cc2[N+])([O-])=O)c1)C(F)(C(F)(F)(F)(C(F)(F)F	-8.16	14.04	3.18	P	OUT
QL01140	3-(4-Chloro-2-nitrobenzamido)-2-fluoro-N-[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]benzamide	862133-18-4	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(Cl)cc2[N+])([O-])=O)c1F)C(F)(C(F)(F)(C(F)(F)F	-8.28	15.79	3.18	P	OUT
QL01141	2,4-Dichloro-N-(3-[[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl)benzamide	862130-69-6	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(Cl)cc2Cl)c1)C(F)(C(F)(F)(C(F)(F)F	-8.34	16.36	3.19	P	OUT
QL01142	4-Chloro-2-fluoro-N-(3-[[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl)benzamide	862130-90-3	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(Cl)cc2F)c1)C(F)(C(F)(F)(C(F)(F)F	-8.34	16.36	3.19	P	OUT
QL01143	3-(4-Chloro-2-fluorobenzamido)-2-fluoro-N-[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]benzamide	862133-16-2	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(Cl)cc2F)c1)C(F)(C(F)(F)(F)(C(F)(F)F	-8.46	18.18	3.19	P	OUT
QL01144	2-Fluoro-3-(4-fluoro-2-nitrobenzamido)-N-[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]benzamide	862133-14-0	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(F)cc2[N+])([O-])=O)c1F)C(F)(C(F)(F)(C(F)(F)F	-8.28	15.79	3.18	P	OUT
QL01145	2-Chloro-4-fluoro-N-(3-[[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl)benzamide	862130-87-8	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(F)cc2Cl)c1)C(F)(C(F)(F)(C(F)(F)F	-8.34	16.36	3.19	P	OUT
QL01146	3-(2-Chloro-4-fluorobenzamido)-2-fluoro-N-[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]benzamide	862133-15-1	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(F)cc2F)c1)C(F)(C(F)(F)(F)(C(F)(F)F	-8.46	18.18	3.19	P	OUT
QL01147	2,4-Difluoro-N-(3-[[4-(1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl)benzamide	862130-66-3	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(F)cc2F)c1)C(F)(C(F)(F)(C(F)(F)F	-8.34	16.36	3.19	P	OUT
QL01148	3-methyl-4-(2,2,3,3,4,4,5,5,5-nonafluoropentyl)cyclopentane-1,1-dicarboxylic Acid	20116-32-9	CC1CC(CC1CC(F)(F)(C(F)(F)(C(F)(F)(F)(F)C(O)=O)C(O)=O	-6.82	23.08	2.38	P	OUT

[illegible]

	(7E)-9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-Heptadecafluorohexadec-7-ene	84201-60-5	CCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.42	35.42	3.11	P	IN
QL01319	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluorotetradec-7-ene	120464-26-8	CCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.63	30.95	2.90	P	OUT
QL01320	(5E)-1,1,1,2,2,3,3,4,4-Nonafluorododec-5-ene	113999-54-5	CCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.68	25.00	2.68	P	OUT
QL01322	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuoroheptadecane	200817-54-5	CCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.73	39.62	3.12	P	IN
QL01323	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoropentadecane	182130-15-0	CCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.10	36.17	2.95	P	IN
QL01324	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-Pentadecafluorotetradecane	38787-57-4	CCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.90	34.09	2.93	P	IN
QL01325	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluorotrdecane	1835249-87-0	CCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.37	31.71	2.78	P	IN
QL01326	1,1,1,2,2,3,3,4,4-Nonafluoroundecane	1190430-22-8	CCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.35	25.71	2.52	P	OUT
QL01327	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafluoro-12-iodononadecane	129838-41-1	CCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.97	37.29	3.28	P	IN
QL01328	1,1,1,2,2,3,3,4,4-Nonafluorododecan-5-ol	131294-52-5	CCCCCCCCC(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.60	23.08	2.70	P	OUT
QL01329	N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate	927835-01-6	CCCCCCCC[N+](C)(C)[C-].[O-]C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.62	23.81	2.28	P	OUT
QL01330	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoropentadec-7-ene	1980786-99-9	CCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.60	28.89	2.95	P	OUT
QL01331	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafluoroicosane	90499-31-3	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.42	40.32	3.38	P	OUT
QL01332	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuorooctadecane	93454-70-7	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.90	37.50	3.25	P	IN
QL01333	1,1,1,2,2,3,3,4,4-Nonafluorododecane	69125-79-7	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.59	23.68	2.68	P	OUT
QL01334	1,1,1,2,2,3,3-Heptafluoroundecane	1190430-20-6	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)F	-6.92	20.00	2.50	P	OUT
QL01335	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuoro-12-iodoicosane	121633-31-6	CCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.14	35.48	3.40	P	OUT
QL01336	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iodooctadecane	176979-17-2	CCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.52	32.14	3.24	P	OUT
QL01337	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoro-8-iodohexadecane	207122-00-7	CCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.86	28.00	3.08	P	OUT
QL01338	(Z)-Octadec-9-enyl [5-(((2-((perfluorooctyl)sulphonyl)methylamino)ethoxy)carbo nyl)amino)-o-tolyl]carbamate	94313-84-5	CCCCCCCCC=C/C(C)CCCCCCCCC(=O)NC1=C(NC(=O)OCCN(C)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)J)C(F)(F)C(F)(F)C(F)(F)F)=CC=C1C	-10.86	14.78	4.27	P	OUT
QL01339	(9E)-1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluorooctadec-9-ene	113999-61-4	CCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.49	31.48	3.24	P	OUT
QL01340	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-Pentadecafluoroheptadec-8-ene	52717-06-3	CCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.06	29.41	3.13	P	OUT
QL01341	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluorohexadec-7-ene	120464-27-9	CCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.76	27.08	3.06	P	OUT
QL01343	(5E)-1,1,1,2,2,3,3,4,4-Nonafluorotetradec-5-ene	104504-30-5	CCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)F	-7.91	21.43	2.87	P	OUT
QL01344	Carbamic acid, [5-[[(2-[[[heptadecafluoroisooctyl)sulfonyl]methylamino]ethoxy]carbonyl]amino]-2-methylphenyl]-, 9-octadecenyl ester	93894-74-7	CCCCCCCCC=CCCCCCCCCOC(=O)NC1=C(NC(=O)OCCN(C)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)=CC=C1C	-10.72	14.78	4.22	P	OUT
QL01345	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13-Heptacosafluorodocosane	1309378-06-0	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.69	39.71	3.51	P	OUT
QL01346	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafluorohenicosane	677324-30-0	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.37	38.46	3.41	P	OUT
QL01347	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuorononadecane	125635-85-0	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.86	35.59	3.28	P	OUT
QL01348	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-Nonadecafluorooctadecane	1287702-47-9	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.70	33.93	3.26	P	OUT
QL01349	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoroheptadecane	931415-52-0	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.29	32.08	3.15	P	OUT
QL01350	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoropentadecane	113659-13-5	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.52	27.66	2.95	P	OUT
QL01351	1,1,1,2,2,3,3,4,4-Nonafluorotrdecane	234433-63-7	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.61	21.95	2.73	P	OUT
QL01352	1,1,1,2,2,3,3-Heptafluorododecane	69125-78-6	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)F	-7.21	18.42	2.67	P	OUT
QL01353	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafluoro-12-iodohenicosane	129838-42-2	CCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.11	33.85	3.44	P	OUT
QL01354	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoro-8-iodoheptadecane	207122-01-8	CCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.86	26.42	3.12	P	OUT
QL01355	N-Decyl-N,N-dimethyl-1-decanaminium perfluorooctanesulfonate	251099-16-8	CCCCCCCCC[N+](C)(C)CCCCCCCCC.[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.80	17.00	3.77	P	OUT
QL01356	N,N,N-Triethyldecan-1-aminium heptadecafluorooctane-1-sulfonate	773895-92-4	CCCCCCCCC[N+](CC)(CC)CC.[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.78	20.73	2.84	P	OUT
QL01357	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafluorodocosane	93454-72-9	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.52	36.76	3.52	P	OUT
QL01358	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuoroicosane	90499-29-9	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.04	33.87	3.41	P	OUT
QL01359	1-(Perfluoro-n-octyl)decane	138472-76-1	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.41	30.36	3.24	P	OUT
QL01360	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluorohexadecane	147492-59-9	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.69	26.00	3.06	P	OUT
QL01361	1,1,1,2,2,3,3,4,4-Nonafluorotetradecane	214196-02-8	CCCCCCCCC(F)(F)C(F)(F)C(F)(F)F	-7.84	20.45	2.87	P	OUT

QL01362	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuoro-12-iododocosane	129838-43-3	CCCCCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.20	32.35	3.51	P	OUT
QL01363	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iodoicosane	1257261-93-0	CCCCCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.67	29.03	3.39	P	OUT
QL01364	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-Pentadecafluoro-9-iodononadecane	25431-52-1	CCCCCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.28	27.12	3.28	P	OUT
QL01365	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-8-iodooctadecane	125081-35-8	CCCCCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.01	25.00	3.23	P	OUT
QL01366	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoroicos-9-ene	1789721-11-4	CCCCCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.26	20.00	3.06	P	OUT
QL01367	1,1,1,2,2,3,3,4,4,5,5,6,6,7,8,8-Heptadecafluoroicos-9-ene	124921-25-1	CCCCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.59	28.33	3.37	P	OUT
QL01368	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoroicos-9-ene	125081-49-4	CCCCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.91	24.07	3.21	P	OUT
QL01369	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafuorotricosane	131851-20-2	CCCCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.15	18.75	3.04	P	OUT
QL01370	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuorohenicicosane	677324-31-1	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.49	35.21	3.55	P	OUT
QL01371	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluorononadecane	125635-86-1	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.02	32.31	3.44	P	OUT
QL01372	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluorononadecane	931415-53-1	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.40	28.81	3.28	P	OUT
QL01373	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13-Tridecafluoroheptylsilylester	94094-26-5	CCCCCCCCCCCCC(C(=O)=O)[Si](C)(CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(CCCCCCCCCCCC)C(=O)=O	-8.84	8.18	3.62	P	OUT
QL01374	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13-Tridecafluoroheptylsilylester	94094-26-5	CCCCCCCCCCCCC(C(=O)=O)[Si](C)(CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(CCCCCCCCCCCC)C(=O)=O	-8.84	8.18	3.62	P	OUT
QL01374	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafuoropentacosane	677324-22-0	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.77	35.06	3.67	P	OUT
QL01375	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-Pentacosafuorotetracosane	89109-71-7	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.64	33.78	3.66	P	OUT
QL01376	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11-Tricosafuorotricosane	677324-21-9	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.34	32.39	3.57	P	OUT
QL01377	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10-Henicosafuorodocosane	93454-71-8	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.12	30.88	3.52	P	OUT
QL01378	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-Nonadecafluorohenicicosane	677324-20-8	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.77	29.23	3.42	P	OUT
QL01379	1-(Perfluoro-n-octyl)dodecane	106873-67-0	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.53	27.42	3.37	P	OUT
QL01380	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-Pentadecafluorononadecane	109856-51-1	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.13	25.42	3.26	P	OUT
QL01381	1-(Perfluoro-n-hexyl)dodecane	90499-30-2	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.86	23.21	3.21	P	OUT
QL01382	1,1,1,2,2,3,3,4,4-Nonafluorohexadecane	106873-68-1	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.10	18.00	3.04	P	OUT
QL01383	1,1,1,2,2,3,3-Heptafluoropentadecane	106873-69-2	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)F	-7.57	14.89	2.91	P	OUT
QL01384	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuoro-12-iodotetracosane	1257261-92-9	CCCCCCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.33	29.73	3.64	P	OUT
QL01385	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iododocosane	176979-18-3	CCCCCCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.78	26.47	3.50	P	OUT
QL01386	2-(o-Cyanophenoxy)-3'-hydroxy-4'-(perfluorobutyl)aminotetradecanamide	117844-18-5	CCCCCCCCCCCCC(OC1=C(C=CC=C1)CN(O)=N/C1=CC(O)=C(NC(=O)C(F)(F)C(F)(F)C(F)(F)C=C1	-8.80	8.64	3.59	P	OUT
QL01387	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-9-ene	118642-84-5	CCCCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.70	25.76	3.49	P	OUT
QL01388	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-7-ene	160460-04-8	CCCCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.08	21.67	3.35	P	OUT
QL01389	1,1,1,2,2,3,3,4,4-Nonafluoroctadec-5-ene	160460-03-7	CCCCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.38	16.67	3.20	P	OUT
QL01390	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafuoropentacosane	116177-47-0	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.62	32.47	3.68	P	OUT
QL01391	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuorotricosane	200817-55-6	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.10	29.58	3.55	P	OUT
QL01392	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluorohenicicosane	871311-23-8	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.52	26.15	3.41	P	OUT
QL01394	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafuorohexacosane	93454-73-0	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.70	31.25	3.75	P	OUT
QL01395	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuorotetracosane	200817-56-7	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.21	28.38	3.63	P	OUT
QL01396	1-(Perfluoro-n-octyl)tetradecane	133310-72-2	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.65	25.00	3.49	P	OUT
QL01397	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoroicosane	154628-00-9	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.03	20.97	3.35	P	OUT
QL01398	1,1,1,2,2,3,3,4,4,5,5-Undecafluorononadecane	112344-48-6	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.62	18.64	3.24	P	OUT
QL01399	1,1,1,2,2,3,3,4,4-Nonafluoroctadecane	133310-68-6	CCCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)F	-8.34	16.07	3.20	P	OUT
QL01400	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuoro-12-iodohexacosane	1257261-91-8	CCCCCCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.42	27.50	3.74	P	OUT
QL01401	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-Pentadecafluoro-9-iodotricosane	1257261-94-1	CCCCCCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.90	24.32	3.61	P	OUT
QL01402	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafuoroicos-13-ene	57325-43-6	CCCCCCCCCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.56	22.54	3.52	P	OUT
QL01403	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuorohexacos-11-ene	1151525-71-1	CCCCCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.82	29.76	3.84	P	OUT
QL01404	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuorohexacos-11-ene	1244062-18-7	CCCCCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.35	26.92	3.72	P	OUT
QL01405	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluorotetracos-9-ene	1244062-16-5	CCCCCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.83	23.61	3.60	P	OUT

[illegible]

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QL01572	Ethyl 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-2-oxooctanoate	117516-21-9	CCOC(=O)C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.43	41.94	2.52	P	IN
QL01573	Ethyl 2-acetyl-4,4,5,5,6,6,6-heptafluoro-3-oxohexanoate	115479-06-6	CCOC(=O)C(C)(C)=O)C(=O)C(F)(F)C(F)(F)C(F)F	-6.45	23.33	2.22	P	OUT
QL01574	Ethyl 2-acetyl-3,3,4,4,5,5,5-heptafluoropentanoate	189237-57-8	CCOC(=O)C(C)(C)=O)C(F)(F)C(F)(F)C(F)F	-6.33	25.00	2.12	P	OUT
QL01575	N-(Perfluoro-1-oxobutyl)aspartic acid 1-ethyl ester	88435-83-0	CCOC(=O)C(CC(O)=O)NC(=O)C(F)(F)C(F)C(F)F	-6.73	21.21	2.39	P	OUT
QL01576	Ethyl 2-[(diphenylmethylidene)amino]-5,5,6,6,7,7,8,8,8-nonafluorooctanoate	125162-61-0	CCOC(=O)C(CCC(F)(F)C(F)C(F)C(F)C(F)F)N=C(c1ccccc1)c1ccccc1	-7.12	16.36	2.69	P	OUT
QL01577	Ethyl 2,3,3,3-tetrafluoro-2-(trifluoromethyl)propanoate	1526-49-4	CCOC(=O)C(F)(C(F)(F)F)C(F)F	-6.09	35.00	1.75	P	IN
QL01578	Diethyl perfluoroglutarate	424-40-8	CCOC(=O)C(F)(F)C(F)(F)C(F)C(=O)OCC	-6.66	20.69	2.38	P	OUT
QL01579	Ethyl perfluorododecanoate	158607-41-1	CCOC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.14	52.27	2.94	P	OUT
QL01580	Ethyl perfluorononan-1-oate	30377-52-7	CCOC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-9.28	48.57	2.69	P	IN
QL01581	Ethyl perfluorooctanoate	3108-24-5	CCOC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-8.74	46.88	2.51	P	IN
QL01582	Ethyl perfluoroheptanoate	41430-70-0	CCOC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)C(F)F	-8.47	44.83	2.45	P	IN
QL01583	Ethyl nonafluoropentanoate	424-36-2	CCOC(=O)C(F)(F)C(F)(F)C(F)C(F)F	-7.45	39.13	2.19	P	IN
QL01584	Ethyl heptafluorobutyrate	356-27-4	CCOC(=O)C(F)(F)C(F)C(F)F	-6.54	35.00	1.93	P	IN
QL01585	Ethyl perfluoropropionate	426-65-3	CCOC(=O)C(F)(F)C(F)F	-5.98	29.41	1.86	P	IN
QL01586	Ethyl 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	79851-29-9	CCOC(=O)C(F)(OC(F)(F)C(F)(F)C(F)F)C(F)F	-7.55	40.74	2.19	P	IN
QL01587	Ethyl 2,3,3,3-tetrafluoro-2-[1,1,2,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoate	76145-88-5	CCOC(=O)C(F)(OC(F)(F)C(F)(OC(F)(F)C(F)(F)C(F)F)C(F)F)C(F)F	-8.99	45.95	2.64	P	IN
QL01588	Ethyl 2,4,4,5,7,7,8,10,10,11,13,13,14,16,16,17,19,19,20,20,21,21,21-tricosafuoro-2,5,8,11,14,17-hexakis(trifluoromethyl)-3,6,9,12,15,18-hexaoxahenicosan-1-oate	121368-60-3	CCOC(=O)C(F)(OC(F)(F)C(F)(OC(F)(F)C(F)(OC(F)(F)C(F)(OC(F)(F)C(F)(OC(F)(F)C(F)(OC(F)(F)C(F)F	-11.72	53.25	3.56	P	OUT
QL01589	Ethyl 4,4,5,5,6,6,7,8,8,9,9-tridecafluoro-2-iodononanoate	165281-74-3	CCOC(=O)C(I)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-8.77	40.00	2.71	P	IN
QL01590	Ethyl 4,4,5,5,6,6,6-heptafluorononoleucinate	63664-52-8	CCOC(=O)C(N)CC(F)(F)C(F)F	-6.67	25.00	2.26	P	OUT
QL01591	Ethyl 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-2,2-dihydroxydecanoate	1401315-53-4	CCOC(=O)C(O)(O)C(F)(F)C(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-9.00	42.50	2.74	P	IN
QL01592	Ethyl 3-amino-4,4,5,5,6,6,6-heptafluorohex-2-enoate	87613-26-1	CCOC(=O)C=C(N)C(F)(F)C(F)(F)C(F)F	-6.80	26.92	2.26	P	OUT
QL01593	Ethyl (ZE)-4,4,5,5,6,6,6-heptafluorohex-2-enoate	37759-79-8	CCOC(=O)C=C(C)C(F)(F)C(F)(F)F	-6.87	29.17	2.23	P	IN
QL01594	Ethyl (ZE)-3-{1,1,2,2,3,3,4,4,4-nonafiurbutane-1-sulfinyl}prop-2-enoate	1606997-39-0	CCOC(=O)C=C(S)C(F)(F)C(F)(F)C(F)F	-7.74	31.03	2.53	P	IN
QL01595	Ethyl 6-(nonafluorobutyl)-4-phenyl-2-sulfanylidene-1,2,3,4-tetrahydropyrimidine-5-carboxylate	281189-83-1	CCOC(=O)C1=C(NC(=S)NC1c1ccccc1)C(F)(F)C(F)(F)C(F)F	-6.90	20.45	2.48	P	OUT
QL01596	Diethyl 2,6-dihydroxy-2,6-bis(nonafluorobutyl)-4-phenyloxane-3,5-dicarboxylate	359875-73-3	CCOC(=O)C(C)C(C(=O)O)C1(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-7.33	25.71	2.52	P	OUT
QL01597	Ethyl 2-(pentadecafluoroheptyl)imidazo[1,2-a]pyridine-3-carboxylate	135339-05-8	CCOC(=O)c1c(nc2cccc12)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-8.37	33.33	2.73	P	IN
QL01598	Ethyl 3-methyl-5-(nonafluorobutyl)-1H-pyrazole-4-carboxylate	119403-58-6	CCOC(=O)c1c(Nnc1C)C(F)(F)C(F)(F)C(F)F	-7.22	27.27	2.43	P	OUT
QL01599	Ethyl 6-(heptafluoropropyl)pyridine-3-carboxylate	1574401-92-5	CCOC(=O)c1ccc(nc1)C(F)(F)C(F)F	-7.20	24.14	2.51	P	OUT
QL01600	Ethyl 4-{[nonafluorobutyl)sulfonyl]benzoate	1262679-06-0	CCOC(=O)Cc1ccc(SC(F)(F)C(F)(F)C(F)(F)F)cc1	-7.98	26.47	2.76	P	OUT
QL01601	Ethyl 2-(heptafluoropropyl)benzoate	1310492-25-1	CCOC(=O)c1ccccc1C(F)(F)C(F)F	-6.45	23.33	2.22	P	OUT
QL01602	Ethyl 5-(2,2,3,3,4,4,4-heptafluorobutanamido)-1-phenyl-1H-pyrazole-4-carboxylate	545359-89-5	CCOC(=O)C1cnn(c1NC(=O)C(F)(F)C(F)(F)F)-c1ccccc1	-6.66	17.07	2.48	P	OUT
QL01603	Ethyl 4,4,5,5,6,6,7,7,7-nonafluoro-3-oxoheptanoate	82941-37-5	CCOC(=O)CC(=O)C(F)(F)C(F)(F)C(F)F	-7.66	32.14	2.47	P	IN
QL01604	Ethyl heptafluorobutyrylacetate	336-62-9	CCOC(=O)CC(=O)C(F)(F)C(F)C(F)F	-6.87	28.00	2.26	P	OUT
QL01605	Ethyl pentafluoropropionyl acetate	663-35-4	CCOC(=O)CC(=O)C(F)(F)C(F)F	-6.30	22.73	2.17	P	OUT
QL01606	Ethyl 7,7,8,8,9,9,10,10,10-nonafluoro-3-oxodecanoate	1444474-83-2	CCOC(=O)CC(=O)CCCC(F)(F)C(F)(F)C(F)F	-7.78	24.32	2.74	P	OUT
QL01607	Ethyl 4,4,5,5,6,6,6-heptafluoro-3,3-bis(trifluoromethyl)hexanoate	161261-13-8	CCOC(=O)CC(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-7.28	40.63	2.08	P	IN
QL01608	Ethyl 4,4,5,5,6,6,6-heptafluoro-3-(nitromethyl)hexanoate	376-88-5	CCOC(=O)CC(C[N+](=[O-])=O)C(F)(F)C(F)C(F)F	-6.39	22.58	2.21	P	OUT
QL01609	Octanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-, ethyl ester	153296-01-6	CCOC(=O)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.35	40.63	2.52	P	IN
QL01610	Ethyl 3,3,4,4,5,5,6,6,6-nonafluorohexanoate	172287-15-9	CCOC(=O)CC(F)(F)C(F)(F)C(F)(F)C(F)F	-7.33	34.62	2.27	P	IN
QL01611	Ethyl 3,3,4,4,5,5,5-heptafluoropentanoate	773136-96-2	CCOC(=O)CC(F)(F)C(F)(F)C(F)F	-6.76	30.43	2.15	P	IN
QL01612	Ethyl 4,4,5,5,6,6,6-heptafluoro-3-hydroxyhexanoate	2707-76-8	CCOC(=O)CC(O)C(F)(F)C(F)(F)F	-6.73	25.93	2.26	P	OUT
QL01613	Ethyl 4,4,5,5,6,6,6-heptafluoro-3-sulfanylhexanoate	377-64-0	CCOC(=O)CC(S)C(F)(F)C(F)(F)F	-6.73	25.93	2.26	P	OUT
QL01614	Ethyl 3-{2-ethoxy-2-oxoethyl)-5-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononyl)-2-oxooxolane-3-carboxylate	674786-75-5	CCOC(=O)CC1(CC(CCF)(F)C					

QL01687	N,N-dimethyl-2H-perfluoroethanamine	1550-50-1	CN(C)C(F)(F)C(F)F	-4.56	25.00	1.39	P	OUT
QL01688	Benzenamine, 4-(heptadecafluorooctyl)-N,N-dimethyl-	80791-09-9	CN(C)C1=CC=C(C=C1)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.14	38.64	2.90	P	IN
QL01689	N'-[4-{Dimethylamino}phenyl]methylidene)-2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptanehydrazide 4-{1,1,1,2,3,3,3-Heptafluoropropan-2-yl}-N,N-dimethylaniline	328016-16-6	CN(C)c1ccc(C=NNC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)cc1	-8.86	28.89	3.06	P	OUT
QL01690	N,N-Dimethyl-4-(tridecafluorohexyl)aniline	2396-19-2	CN(C)c1ccc(cc1)C(F)(F)C(F)C(F)(F)F	-6.23	24.14	2.10	P	OUT
QL01691	4-{Dimethylamino}phenyl nonafluorobutane-1-sulfonate	141822-33-5	CN(C)c1ccc(cc1)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.37	34.21	2.71	P	IN
QL01692	1-{Dimethylamino}-4,4,5,5,6,6,7,7,7-nonafluoroheptan-2-ol	1463426-91-6	CN(C)c1ccc(OS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)cc1	-7.66	25.00	2.67	P	OUT
QL01693	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-, 3-[(gamma-.omega.-perfluoro-C6-20-alkyl)thio] derivs., chlorides	1023972-12-4	CN(C)CC(O)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.88	28.13	2.26	P	OUT
QL01694	N,N-Dimethyl-3-((perfluorohexyl)ethylsulfonyl)aminopropanamine N-oxide	70983-60-7	CN(C)CC(O)SC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.04	36.11	2.52	P	IN
QL01695	N-[4-{Dimethylamino}butyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanamide	80475-32-7	CN(C)CCC[NH+][O-][S](=O)(=O)CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.36	26.53	2.91	P	OUT
QL01696	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl]](tridecafluorohexyl)sulfonyl]amino]-2-hydroxy-, monosodium salt	118454-01-6	CN(C)CCCCNC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.83	31.91	2.96	P	OUT
QL01697	1-((3-(Dimethylamino)propyl)amino)-3-(perfluorooctyl)propan-2-ol	73772-32-4	CN(C)CCCN(C)CC(S(=O)(=O)[O-])[O-]O[S](=O)(=O)C(C)C(C)C(C)C(F)(F)C(F)(F)C(F)(F)F.[Na+]	-7.93	23.21	2.83	P	OUT
QL01698	Perfluorobutane sulfonamido amine	94159-81-6	CN(C)CCCNCC(O)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.19	30.91	3.14	P	OUT
QL01699	62 Fluorotelomer sulfonamide amine	68555-77-1	CN(C)CCCN(S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.35	25.00	2.54	P	OUT
QL01700	1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-N,N-dimethylhexane-1-sulfonamide	34455-22-6	CN(C)CCCN(S(=O)(=O)CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.40	27.08	2.92	P	OUT
QL01701	N-{3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecyl)sulfanyl]-2-hydroxypropyl}-N-methylglycine	1270179-82-2	CN(C)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.75	41.94	2.24	P	IN
QL01702	Isooctanesulfonamide, heptadecafluoro-N-{2-hydroxyethyl}-N-methyl-N-(2-hydroxyethyl)-N-methylperfluoro-2-methylpropanesulfonamide	93128-66-6	CN(CC(O)CSCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(O)=O	-9.45	31.48	3.23	P	OUT
QL01703	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-{2-hydroxyethyl}-N-methyl-1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methyl-3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-N-(2-hydroxyethyl)-N-methyl-1-octanesulfonamide	93894-65-6	CN(CCO)[S](=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.77	41.46	2.67	P	IN
QL01704	2-Propenoic acid, 2-[methyl((nonafluorobutyl)sulfonyl)amino]ethyl ester	93762-11-9	CN(CCO)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.78	31.03	2.14	P	IN
QL01705	2-Methyl-2-(nonafluorobutyl)sulfonyl]amino]ethyl phosphate	68555-74-8	CN(CCO)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.77	34.38	2.45	P	IN
QL01706	2,2,3,3,4,4,4-Heptafluoro-N-hydroxy-N-methylbutanamide	34454-97-2	CN(CCO)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.03	31.03	2.24	P	IN
QL01707	N,N-Dimethyl perfluorooctane sulfonamide	156119-73-9	CN(CCO)S(=O)(=O)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.31	31.71	2.75	P	IN
QL01708	2-Propenoic acid, 2-[methyl((undecafluoropentyl)sulfonyl)amino]ethyl ester	93491-54-4	CN(CCOC(=O)C=C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.25	38.64	2.95	P	IN
QL01709	2-Propenoic acid, 2-[methyl((nonafluorobutyl)sulfonyl)amino]ethyl ester	67584-56-9	CN(CCOC(=O)C=C)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.15	28.95	2.76	P	OUT
QL01710	2-Propenoic acid, 2-[methyl((nonafluorobutyl)sulfonyl)amino]ethyl ester Bis[N-methyl(perfluorobutyl)sulfonamidoethyl]phosphoric acid	67584-55-8	CN(CCOC(=O)C=C)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.80	25.71	2.71	P	OUT
QL01711	2-{Methyl((nonafluorobutyl)sulfonyl)amino]ethyl phosphate	120945-47-3	CN(CCOP(O)(O)O)CCN(C)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-9.48	30.00	3.28	P	OUT
QL01712	2,2,3,3,4,4,4-Heptafluoro-N-hydroxy-N-methylbutanamide	147545-41-3	CN(CCOP(O)(O)O)S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.39	26.47	2.52	P	OUT
QL01713	N,N-Dimethyl perfluorooctane sulfonamide	193008-44-5	CN(O)C(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.41	36.84	1.83	P	IN
QL01714	1,1,2,2,3,3,4,4,4-Nonafluoro-N-methyl-N-(trimethylstannyl)butane-1-sulfonamide	213181-78-3	CN(S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)O)C	-8.69	45.95	2.51	P	IN
QL01715	Heptadecafluoro-N-methylisooctanesulphonamide	41006-33-1	CN(S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.59	27.27	2.17	P	OUT
QL01716	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-N-methyl-1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-methyl-1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N-methyl-1-Methyl-2-(nonafluorobutyl)-1H-indole	93894-71-4	CN(S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.77	50.00	2.43	P	IN
QL01717	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-N-methyl-1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-methyl-1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N-methyl-1-Methyl-2-(nonafluorobutyl)-1H-indole	68259-14-3	CN[S](=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.67	48.39	2.44	P	IN
QL01718	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-methyl-1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N-methyl-1-Methyl-2-(nonafluorobutyl)-1H-indole	68259-15-4	CN[S](=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.03	46.43	2.23	P	IN
QL01719	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-methyl-1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N-methyl-1-Methyl-2-(nonafluorobutyl)-1H-indole	68298-13-5	CN[S](=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.68	44.00	2.15	P	IN
QL01720	1-Methyl-2-(nonafluorobutyl)-1H-indole	68298-12-4	CN[S](=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.84	40.91	1.89	P	IN
QL01721	3,3,4,4,5,5-Heptafluoro-1-(3-methyl-1,3-benzothiazol-2(3H)-ylidene)pentan-2-one	1608112-35-1	Cn1c(cc2ccccc12)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.91	29.03	2.25	P	IN
QL01722		41131-07-1	CN1C(Sc2ccccc12)=CC(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.85	22.58	2.40	P	OUT

[illegible]

QL01771	Methyl 4-trifluoroethenoxy-2,2,3,4,4-hexafluorobutanoate	19190-61-5	COC(=O)C(F)C(F)C(F)C(F)C(F)OC(F)=C(F)F	-7.67	40.91	2.23	P	IN
QL01772	Methyl 3-chloroperfluoropropanoate	127589-63-3	COC(=O)C(F)C(F)C(F)Cl	-5.53	35.71	1.49	P	IN
QL01773	Methyl pentafluoropropionate	378-75-6	COC(=O)C(F)C(F)C(F)F	-5.53	35.71	1.49	P	IN
QL01774	Methyl 2,2,3,3-tetrafluoro-3-[(1,1,1,2,3,3,3-heptafluoropropan-2-yl)oxy]propanoate	51502-43-3	COC(=O)C(F)C(F)C(F)OC(F)(C(F)F)C(F)F	-7.78	45.83	2.14	P	IN
QL01775	Methyl perfluoro(8-(fluoroformyl)-5-methyl-4,7-dioxananoate)	69116-73-0	COC(=O)C(F)C(F)C(F)OC(F)(C(F)F)C(F)OC(F)=O)C(F)F	-8.51	45.45	2.45	P	IN
QL01776	Methyl perfluoro(3-(1-ethenyloxypropan-2-yloxy)propanoate)	63863-43-4	COC(=O)C(F)C(F)C(F)OC(F)(C(F)F)C(F)C(F)OC(F)=C(F)F	-8.39	44.83	2.42	P	IN
QL01777	Perfluoromethoxypropionic acid methyl ester	356-69-4	COC(=O)C(F)C(F)C(F)OC(F)F	-6.70	38.89	1.89	P	IN
QL01778	Methyl perfluoro-3-(3-methoxypropoxy)-3H-propanoate	958445-54-0	COC(=O)C(F)C(F)OC(F)C(F)C(F)C(F)OC(F)F	-8.47	42.86	2.51	P	IN
QL01779	Methyl difluoro[1,1,2,2-tetrafluoro-2-(nonafluorobutoxy)ethoxy]acetate	129301-40-2	COC(=O)C(F)OC(F)(F)C(F)OC(F)(F)C(F)C(F)C(F)F	-9.30	48.39	2.70	P	IN
QL01780	Methyl perfluoro-3,6,9-trioxatridecanoate	330562-42-0	COC(=O)C(F)OC(F)C(F)C(F)OC(F)C(F)OC(F)C(F)C(F)C(F)C(F)F	-10.00	50.00	2.94	P	IN
QL01781	Methyl difluoro[1,1,2,2-tetrafluoro-2-[1,1,2,2-tetrafluoro-2-(trifluoromethoxy)ethoxy]ethoxy]acetate	169289-58-1	COC(=O)C(F)OC(F)(F)C(F)OC(F)(F)OC(F)F	-9.04	44.83	2.69	P	IN
QL01782	Methyl perfluoro-3,6-dioxahепtanoate	39187-41-2	COC(=O)C(F)OC(F)C(F)C(F)OC(F)F	-7.67	40.91	2.23	P	IN
QL01783	Methyl 2,3,3,3-tetrafluoro-2-[(undecafluoropentyl)oxy]propanoate	220369-95-9	COC(=O)C(F)OC(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-8.69	50.00	2.40	P	IN
QL01784	Methyl perfluoro(2-propoxypropanoate)	13140-34-6	COC(=O)C(F)OC(F)C(F)C(F)C(F)C(F)F	-7.52	45.83	2.03	P	IN
QL01785	Methyl 2,3,3,3-tetrafluoro-2-(pentafluoroethoxy)propanoate	117516-09-3	COC(=O)C(F)OC(F)C(F)C(F)C(F)F	-6.84	42.86	1.84	P	IN
QL01786	Methyl 2,3,3,3-tetrafluoro-2-[1,1,2,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoate	26131-32-8	COC(=O)C(F)OC(F)C(F)C(F)OC(F)C(F)C(F)C(F)C(F)F	-8.89	50.00	2.48	P	IN
QL01787	Methylperfluoro-2,5,8-trimethyl-3,6,9-trioxadodecanoic acid	39187-47-8	COC(=O)C(F)OC(F)C(F)C(F)OC(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-9.79	52.27	2.79	P	IN
QL01788	Perfluorotetramethyltetraoxapentadecanoicacidmethyl	133609-46-8	COC(=O)C(F)OC(F)C(F)C(F)OC(F)C(F)OC(F)C(F)C(F)C(F)C(F)C(F)F	-10.58	53.70	3.08	P	OUT
QL01789	2,4,4,5,7,7,8,10,10,11,13,13,14,16,16,17,17,18,18,18-icosafuoro-2,5,8,11,14-pentakis(trifluoromethyl)-3,6,9,12,15-pentaaoxatodecan-1-oate	1005033-64-6	COC(=O)C(F)OC(F)C(F)C(F)OC(F)C(F)C(F)OC(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-11.17	54.69	3.29	P	OUT
QL01790	Methyl 2,3,4,4,5,6,6,6-nonafluorohex-2-enoate	88022-46-2	COC(=O)C=C(C(F)C(F)C(F)F)	-7.65	42.86	2.17	P	IN
QL01791	Methyl 3-amino-4,4,5,5,6,6,6-heptafluorohex-2-enoate	106203-17-2	COC(=O)C=C(N)C(F)C(F)C(F)F	-6.85	30.43	2.18	P	IN
QL01792	Methyl 4,4,5,5,6,6,6-heptafluorohex-2-enoate	813-06-9	COC(=O)C=CC(F)C(F)C(F)F	-6.96	33.33	2.15	P	IN
QL01793	Methyl 3-(heptadecafluorooctyl)benzoate	80791-11-3	COC(=O)C1=CC=C(C=C1)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-9.27	40.48	2.90	P	IN
QL01794	Methyl 4-(heptadecafluorooctyl)benzoate	80791-12-4	COC(=O)C1=CC=C(C=C1)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-9.38	40.48	2.95	P	IN
QL01795	Methyl 4-(nonafluorobutyl)benzoate	88951-00-2	COC(=O)C1=CC=C(C=C1)C(F)C(F)C(F)F	-7.73	30.00	2.56	P	OUT
QL01796	Methyl 4-(heptafluoropropyl)benzoate	64299-47-4	COC(=O)C1=CC=C(C=C1)C(F)C(F)C(F)F	-7.32	25.93	2.50	P	OUT
QL01797	Methyl 5-(heptafluoropropyl)furan-2-carboxylate	104939-25-5	COC(=O)C1=CC=C(O1)C(F)C(F)F	-7.03	29.17	2.29	P	IN
QL01798	Methyl 2-(heptafluoropropyl)-6-methoxybenzoate	109296-89-1	COC(=O)c1c(OC)cccc1C(F)C(F)F	-6.16	22.58	2.12	P	OUT
QL01799	Methyl 2-methoxy-6-[(1,1,2,2,3,3,4,4,4-nonafuorobutane-1-sulfonyl)oxy]benzoate	475630-76-3	COC(=O)c1c(OC)cccc1OS(=O)=O=C(F)C(F)C(F)C(F)F	-7.16	23.68	2.50	P	OUT
QL01800	Methyl 3,4,5-tris(1,1,2-trifluoro-2-(heptafluoropropoxy)ethoxy]benzoate	1233312-86-1	COC(=O)c1cc(OC(F)C(F)C(F)C(F)C(F)C(F)C(F)OC(F)C(F)C(F)C(F)F)c(OC(F)C(F)C(F)C(F)C(F)F)c1	-10.11	43.48	3.17	P	OUT
QL01801	Methyl 4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)benzoate	51114-06-8	COC(=O)c1ccc(cc1)C(F)C(F)C(F)F	-6.48	25.93	2.16	P	OUT
QL01802	Methyl 4-(pentadecafluoroheptyl)cyclohexane-1-carboxylate	88951-17-1	COC(=O)C1CCCC(C1)C(F)C(F)C(F)C(F)C(F)F	-8.81	33.33	2.91	P	IN
QL01803	Methyl 4-(tridecafluorohexyl)cyclohexane-1-carboxylate	88951-16-0	COC(=O)C1CCCC(C1)C(F)C(F)C(F)C(F)C(F)F	-8.28	30.95	2.76	P	OUT
QL01804	Methyl 4-(undecafluoropentyl)cyclohexane-1-carboxylate	88951-15-9	COC(=O)C1CCCC(C1)C(F)C(F)C(F)C(F)F	-7.95	28.21	2.70	P	OUT
QL01805	Methyl 4-(nonafluorobutyl)cyclohexane-1-carboxylate	88951-14-8	COC(=O)C1CCCC(C1)C(F)C(F)C(F)F	-7.40	25.00	2.56	P	OUT
QL01806	Methyl 2,4-dichloro-3-[(1,1,2,2,3,3,4,4,4-nonafuorobutane-1-sulfonyl)oxy]benzoate	1451750-40-5	COC(=O)c1ccc(Cl)cc1OS(=O)=O=C(F)C(F)C(F)C(F)Cl	-8.07	32.35	2.63	P	IN
QL01807	Methyl 4-[(1,1,1,4,5,5,5-heptafluoro-3-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-4-(trifluoromethyl)pent-2-en-2-yl]oxy]benzoate	66432-83-5	COC(=O)c1ccc(OC=C(C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F)cc1	-8.06	38.64	2.46	P	IN
QL01808	Methyl 4,4,5,5,6,6,7,7,7-nonafluoro-3-oxoheptanoate	89129-70-4	COC(=O)CC(=O)C(F)C(F)C(F)C(F)F	-7.41	36.00	2.26	P	IN
QL01809	Methyl 4,4,5,5,6,6,6-heptafluoro-3-oxohexanoate	89129-68-0	COC(=O)CC(=O)C(F)C(F)C(F)F	-6.94	31.82	2.18	P	IN
QL01810	Methyl 4,6,6-trichloro-7,7,7-trifluoro-3,3-dimethylheptanoate	72714-62-6	COC(=O)CC(C)(C)C(Cl)C(Cl)C(F)F	-6.13	18.75	2.21	P	OUT
QL01811	Methyl 4,4,5,5,6,6,6-heptafluoro-3,3-dihydroxyhexanoate	89148-14-1	COC(=O)CC(O)(O)C(F)C(F)C(F)F	-6.70	28.00	2.19	P	OUT
QL01812	Methyl 5,5,6,6,7,7,8,8,9,9-undecafluoro-4-oxononanoate	1456734-51-2	COC(=O)CCC(=O)C(F)C(F)C(F)C(F)C(F)F	-8.04	35.48	2.53	P	IN

QL01813	Methyl 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-heptadecafluoroundecanoate	132424-37-4	COC(=O)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.16	44.74	2.74	P	IN
QL01814	Methyl 3-(perfluorohexyl)propanoate	110260-75-8	COC(=O)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.35	40.63	2.52	P	IN
QL01815	Methyl 2H,2H,3H,3H-perfluoroheptanoate	132424-36-3	COC(=O)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.33	34.62	2.27	P	IN
QL01816	Methyl 4,4,5,5,6,6-heptafluorohexanoate	2070-60-2	COC(=O)CCC(F)(F)C(F)(F)C(F)(F)F	-6.76	30.43	2.15	P	IN
QL01817	Methyl N-(2,2,3,3,4,4,4-heptafluorobutanoyl)glycinate	81084-29-9	COC(=O)CNC(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.95	29.17	2.26	P	IN
QL01818	Dimethyl 2-(perfluoropropyl)-p-benzenedicarbamate	25642-22-2	COC(=O)NC1=CC(=C(NC(=O)OC)C=C1)C(F)(F)C(F)(F)C(F)(F)F	-6.80	18.92	2.48	P	OUT
QL01819	2,2,3,3,4,4,4-Heptafluorobutyl methyl carbonate	277332-95-3	COC(=O)OCC(F)(F)C(F)(F)C(F)(F)F	-6.96	33.33	2.15	P	IN
QL01820	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoro-8,8-dimethyloctane	142502-76-9	COC(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)OC	-8.03	38.24	2.45	P	IN
QL01821	3-Methoxyperfluoro(2-methylpentane)	132182-92-4	COC(F)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.31	54.17	1.72	P	IN
QL01822	Heptafluoroisopropyl methyl ether	22052-84-2	COC(F)(C(F)(F)F)C(F)(F)F	-5.75	46.67	1.28	P	IN
QL01823	1,1,3,3,4,4,5,5,6,6-Undecafluoro-1-methoxyhexan-2-one	106693-00-9	COC(F)(F)C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.97	47.83	2.17	P	IN
QL01824	1,1,1,3,3-Pentafluoro-3-methoxy-2-(trifluoromethyl)propane	382-26-3	COC(F)(F)C(C(F)(F)F)C(F)(F)F	-5.96	44.44	1.43	P	IN
QL01825	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoro-6-methoxyhexane	226909-72-4	COC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.37	54.17	2.15	P	IN
QL01826	1,1,1,2,2,3,3,4,4,5,5-Undecafluoro-5-methoxypentane	181214-74-4	COC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.61	52.38	1.89	P	IN
QL01827	Perfluorobutyl methyl ether	163702-07-6	COC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.25	50.00	1.81	P	IN
QL01828	Heptafluoro-1-methoxypropane	375-03-1	COC(F)(F)C(F)(F)C(F)(F)F	-6.18	46.67	1.46	P	IN
QL01829	(1E)-1,2,3,3,4,4,5,5,6,6-Undecafluoro-1-methoxyhex-1-ene	62949-64-8	COC(F)=C(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.16	50.00	2.18	P	IN
QL01830	2,2,3,3,4,4,4-Heptafluoro-1-methoxybutan-1-ol	377-52-6	COC(O)C(F)(F)C(F)(F)C(F)(F)F	-6.43	36.84	1.84	P	IN
QL01831	2-Methoxyperfluoro(2,5-di(propan-2-yl)oxolane)	957209-18-6	COC1(OCC(F)(C(F)C(F)F)C(F)C(F)F)C(F)C(F)C1(F)C(F)C(F)C(F)F	-8.11	54.29	2.04	P	IN
QL01832	2-(Heptafluoropropyl)-1-methoxy-4-methylbenzene	87461-66-3	COC1=C(C=C(C)C=C1)C(F)(F)C(F)(F)C(F)(F)F	-5.79	25.00	1.90	P	OUT
QL01833	1-Chloro-3,3,4,4,5,5-hexafluoro-2-methoxycyclopentene	336-34-5	COC1=C(C)C(C(F)(F)C(F)(F)C1)F	-5.98	41.18	1.53	P	IN
QL01834	N-[2-{3,4-Dimethoxyphenyl}ethyl]-2,2,3,3,4,4,4-heptafluorobutanamide	13230-87-0	COC1=C(OC)C=C(C(CNC(=O)C(F)(F)C(F)(F)C(F)(F)C=C1	-7.32	17.95	2.72	P	OUT
QL01835	(1Z)-2,2,3,3,4,4,4-Heptafluoro-N-[4-methoxy-2-methylphenyl]butanimidoyl chloride	923569-77-1	COC1=CC(C)=C(C=C1)N=C(C)/C(F)(F)C(F)(F)C(F)(F)F	-7.38	25.81	2.53	P	OUT
QL01836	(1Z)-N-[2-(Bromomethyl)-4-methoxyphenyl]-2,2,3,3,4,4,4-heptafluorobutanimidoyl chloride	923569-78-2	COC1=CC(CBr)=C(C=C1)N=C(C)/C(F)(F)C(F)(F)C(F)(F)F	-7.58	29.03	2.52	P	OUT
QL01837	2,5-Dimethoxyphenyl heptafluorobutanoate	87461-68-5	COC1=CC(OC(=O)C(F)(F)C(F)(F)C(F)(F)F)=C(OC)C=C1	-6.78	21.88	2.39	P	OUT
QL01838	1,1-Di-(4-methoxyphenyl)-1-[4-(1H,1H,2H,2H-perfluorodecyl)phenyl]methyl chloride	865758-36-7	COC1=CC=C(C=C1)C(C)C1=CC=C(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1)C1=CC=C(OC)C=C1	-9.35	24.66	3.38	P	OUT
QL01839	1-(Chloro[4-(2-(perfluorooctyl)ethyl)phenyl]phenylmethyl)-4-methoxybenzene	865758-37-8	COC1=CC=C(C=C1)C(C)C1=CC=CC=C1)C1=CC=C(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1	-9.44	26.09	3.37	P	OUT
QL01840	[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecyl)phenyl]bis(4-methoxyphenyl)methanol	865758-47-0	COC1=CC=C(C=C1)C(O)C1=CC=C(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1)C1=CC=C(OC)C=C1	-9.24	22.97	3.38	P	OUT
QL01841	Thymidine, 5'-O-[[4-(1H,1H,2H,2H-perfluorodecyl)phenyl]bis(4-methoxyphenyl)methyl]-, 3'-[2-cyanoethyl N,N-bis(1-methylethyl)phosphoramidite]	902456-09-1	COC1=CC=C(C=C1)C(OC[C@H]1O[C@@H](C[C@@H](C1)OP(OCC#N)N(C(C)C)C(C)C)N1C=C(C)C(=O)NC1=O)(C1=CC=C(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1)C1=CC=C(OC)C=C1	-9.27	12.88	3.67	P	OUT
QL01842	Cytidine, N-benzoyl-2'-deoxy-5'-O-[[4-(1H,1H,2H,2H-perfluorodecyl)phenyl]bis(4-methoxyphenyl)methyl]-, 3'-[2-cyanoethyl N,N-bis(1-methylethyl)phosphoramidite]	1401422-19-2	COC1=CC=C(C=C1)C(OC[C@H]1O[C@@H](C[C@@H](C1)OP(OCC#N)N(C(C)C)C(C)C)N1C=CC(NC(=O)C2=CC=CC=C2)=NC1=O)(C1=CC=C(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1)C1=CC=C(OC)C=C1	-9.78	11.97	3.91	P	OUT
QL01843	Guanosine, 2'-deoxy-5'-O-[[4-(1H,1H,2H,2H-perfluorodecyl)phenyl]bis(4-methoxyphenyl)methyl]-N-(2-methyl-1-oxopropyl)-, 3'-[2-cyanoethyl N,N-bis(1-methylethyl)phosphoramidite]	1401422-21-6	COC1=CC=C(C=C1)C(OC[C@H]1OC(C)[C@@H](C1)OP(OCC#N)N(C(C)C)C(C)C)N1C=NC2=C1N=C(NC(=O)C(C)C)NC2=O)(C1=CC=C(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1)C1=CC=C(OC)C=C1	-9.51	11.81	3.80	P	OUT
QL01844	Guanosine, 2'-deoxy-5'-O-[[4-(1H,1H,2H,2H-perfluorodecyl)phenyl](4-methoxyphenyl)phenylmethyl]-N-(2-methyl-1-oxopropyl)-, 3'-[2-cyanoethyl N,N-bis(1-methylethyl)phosphoramidite]	1401422-22-7	COC1=CC=C(C=C1)C(OC[C@H]1OC(C)[C@@H](C1)OP(OCC#N)N(C(C)C)C(C)C)N1C=NC2=C1N=C(NC(=O)C(C)C)NC2=O)(C1=CC=CC=C1)C1=CC=C(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1	-9.53	12.14	3.80	P	OUT
QL01845	Butanoic acid, heptafluoro-, (4-methoxyphenyl)methyl ester	87461-67-4	COC1=CC=C(COC(=O)C(F)(F)C(F)(F)C(F)(F)C=C1	-7.56	22.58	2.70	P	OUT
QL01846	2-(Heptafluoropropyl)-5-methoxy-1H-indole	923569-79-3	COC1=CC2=C(NC=C2)C(F)(F)C(F)(F)C(F)(F)C=C1	-7.12	24.14	2.47	P	OUT
QL01847	4,9-Dimethoxy-7-(nonafluorobutyl)-5H-furo[3,2-g][1]benzopyran-5-one	376380-66-4	COC1c2C(=O)C=C(Oc2c(OC)c2occc12)C(F)(F)C(F)(F)C(F)(F)F	-7.11	22.50	2.51	P	OUT
QL01848	7-(Heptafluoropropyl)-4,9-dimethoxy-5H-furo[3,2-g][1]benzopyran-5-one	376383-49-2	COC1c2C(=O)C=C(Oc2c(OC)c2occc12)C(F)(F)C(F)(F)C(F)(F)F	-6.66	18.92	2.43	P	OUT
QL01849	7-Hydroxy-4,9-dimethoxy-7-(nonafluorobutyl)-6,7-dihydro-5H-furo[3,2-g][1]benzopyran-5-one	376382-61-5	COC1c2C(=O)CC(O)C(Oc2c(OC)c2occc12)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.05	20.93	2.53	P	OUT

QL01975	Perfluoro-2-hexene	1584-00-5	FC(=C(F)C(F)C(F)C(F)C(F)C(F)F)	-8.61	66.67	1.91	P	IN
QL01976	Perfluoro-2-pentene	72804-49-0	FC(=C(F)C(F)C(F)C(F)F)	-8.31	66.67	1.78	P	IN
QL01977	Perfluorobut-2-ene	360-89-4	FC(=C(F)C(F)C(F)F)	-7.52	66.67	1.46	P	OUT
QL01978	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propyl 2-fluoroprop-2-enoate	96250-49-6	FC(=C)C(=O)OCC(F)OC(F)C(F)C(F)C(F)C(F)F	-8.37	42.86	2.47	P	IN
QL01979	Heptadecafluorodecyl 2-fluoroprop-2-enoate	96250-52-1	FC(=C)C(=O)OCCCC(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-9.64	46.15	2.90	P	IN
QL01980	1,1,1,2,2,3,5,5,6,6,7,7,7-Tridecafluorohept-3-ene	648-39-5	FC(=CC(F)C(F)C(F)C(F)C(F)C(F)C(F)F)	-8.74	61.90	2.09	P	IN
QL01981	4,5,5,6,6,7,7,8,8,9,9-Dodecafluoronona-1,3-diene	74338-55-9	FC(=CC=C)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-8.17	48.00	2.24	P	IN
QL01982	3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-Icosafluorododec-2-enal	864551-40-6	FC(=CC=O)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-9.99	57.14	2.74	P	IN
QL01983	3,4,4,5,5,6,6,7,7,8,8-Dodecafluorooct-2-enal	69534-12-9	FC(=CC=O)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-8.45	52.17	2.24	P	IN
QL01984	1,1,1,2,2,3,3,4,4,7,8,8,9,9,10,10,11,12,13,14,14-Pentacosafuorotetradec-6-ene	53638-14-5	FC(=CCC(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-10.63	59.52	2.94	P	OUT
QL01985	1,1,1,2,2,3,3,4,7,7,8,8,8-Tridecafluorooct-4-ene	343627-68-9	FC(=CCC(F)C(F)C(F)C(F)C(F)C(F)F)	-8.51	54.17	2.21	P	IN
QL01986	2,2,3,3,4,4,4-Heptafluoro-N-(nonafluorobutyl)butanimidoyl fluoride	103573-07-5	FC(=NC(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-9.69	65.38	2.39	P	IN
QL01987	Hentriacontafluorohexadecanoyl fluoride	210972-74-0	FC(=O)C(F)C					

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QL02160	H-substituted perfluoroalkyl (linear) sulfonic acids, n=2		FC(F)(F)C([H])(F)C(F)(F)C(F)S(=O)(O)=O	-6.87	44.44	1.81	P	IN
QL02161	H-substituted perfluoroalkyl (linear) sulfonic acids, n=1		FC(F)(F)C([H])(F)C(F)(F)S(=O)(O)=O	-5.73	40.00	1.46	P	IN
QL02162	Perfluoro-3-ethyl-2,4-dimethyl-2-pentene	30320-26-4	FC(F)(F)C(=C(C(F)(F)C(F)C(F)C(F)C(F)C(F)F)C(F)F)F	-7.67	66.67	1.52	P	OUT
QL02163	1,1-Bis(trifluoromethyl)ethene	382-10-5	FC(F)(F)C(=C(C(F)F)F)F	-6.01	50.00	1.30	P	IN
QL02164	5-Fluoro-5,7,7-tris(trifluoromethyl)-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethylidene)-1,4-dioxepane	94333-56-9	FC(F)(F)C(=C1C(F)(O)CCOC1C(F)(F)C(F)(F)C(F)(F)C(F)F)F	-6.33	48.48	1.47	P	IN
QL02165	3-Trifluoromethylperfluoro-2-pentanone	93830-92-3	FC(F)(F)C(=O)C(F)(C(F)(F)C(F)C(F)C(F)F)F	-7.99	63.16	1.75	P	IN
QL02166	1,1,1,3,4,4,4-Heptafluoro-3-(trifluoromethyl)butan-2-one	756-12-7	FC(F)(F)C(=O)C(F)(C(F)(F)C(F)F)F	-7.02	62.50	1.37	P	IN
QL02167	1,1,1,3,3,4,5,5,5-Nonafluoro-4-(trifluoromethyl)pentan-2-one	73041-05-1	FC(F)(F)C(=O)C(F)(F)C(F)(C(F)(F)C(F)F)F	-7.91	63.16	1.71	P	IN
QL02168	ketone perfluoroalkyl (linear) carboxylic acids, n=8		FC(F)(F)C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)S(=O)(O)=O	-9.67	54.29	2.69	P	IN
QL02169	ketone perfluoroalkyl (linear) carboxylic acids, n=7		FC(F)(F)C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)S(=O)(O)=O	-9.17	53.13	2.51	P	IN
QL02170	ketone perfluoroalkyl (linear) carboxylic acids, n=5		FC(F)(F)C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)S(=O)(O)=O	-8.29	50.00	2.24	P	IN
QL02171	ketone perfluoroalkyl (linear) carboxylic acids, n=4		FC(F)(F)C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)S(=O)(O)=O	-7.95	47.83	2.16	P	IN
QL02172	ketone perfluoroalkyl (linear) carboxylic acids, n=3		FC(F)(F)C(=O)C(F)(F)C(F)(F)C(F)S(=O)(O)=O	-7.13	45.00	1.90	P	IN
QL02173	2,2,2-Trifluoro-1-[4-(tridecafluorohexyl)phenyl]ethan-1-one	171183-94-1	FC(F)(F)C(=O)c1ccc(cc1)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-9.25	45.71	2.75	P	IN
QL02174	1,1,1,5,5,6,6,7,7,8,8,9,9,10,10,10-hexadecafluorodecane-2,4-dione	147874-76-8	FC(F)(F)C(=O)CC(=O)C(F)(F)C(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-9.19	53.33	2.51	P	IN
QL02175	1,1,1,5,5,6,6,7,7,8,8,8-dodecafluorooctane-2,4-dione	261503-40-6	FC(F)(F)C(=O)CC(=O)C(F)(F)C(F)C(F)(F)C(F)(F)F	-8.31	50.00	2.24	P	IN
QL02176	3H,3H-Perfluoroheptane-2,4-dione	20583-66-8	FC(F)(F)C(=O)CC(=O)C(F)(F)C(F)C(F)(F)C(F)F	-7.92	47.62	2.15	P	IN
QL02177	3H,3H-Perfluoro-2,4-hexanedione	20825-07-4	FC(F)(F)C(=O)CC(=O)C(F)(F)C(F)F	-7.06	44.44	1.88	P	IN
QL02178	3-(Perfluorohexyl)-1-(trifluoroacetyl)-5-(trifluoromethyl)-1H-pyrazole	261778-38-5	FC(F)(F)C(=O)N1N=C(C=C1C(F)(F)C(F)(F)C(F)C(F)(F)C(F)(F)C(F)F)F	-9.62	54.29	2.67	P	IN
QL02179	2,2,3,3,4,4,4-Heptafluorobutyl trifluoroacetate	1365808-09-8	FC(F)(F)C(=O)OCC(F)(F)C(F)(F)C(F)F	-7.98	50.00	2.11	P	IN
QL02180	2,2,3,3,4,4,4-Heptafluoro-N-[(trifluoroacetyl)oxy]butanamide	88326-80-1	FC(F)(F)C(=O)ONC(=O)C(F)(F)C(F)(F)C(F)F	-8.11	47.62	2.23	P	IN
QL02181	1,1,1,3,3,5,5-Octafluoro-2,2,4,4-tetrakis(trifluoromethyl)pentane	62375-54-6	FC(F)(F)C(C(F)(F)F)C(F)(F)C(F)C(C(F)(F)F)C(F)(F)C(F)(F)F	-7.68	68.97	1.46	P	OUT
QL02182	Perfluoro-2,2,5,5-tetramethylhexane	71076-47-6	FC(F)(F)C(C(F)(F)F)C(F)(F)C(F)(F)C(C(F)(F)C(F)(F)C(F)F)C(F)F	-8.06	68.75	1.62	P	OUT
QL02183	2,2-bis(Trifluoromethyl)perfluoropropane	374-51-6	FC(F)(F)C(C(F)(F)F)C(F)(F)C(F)F	-6.88	70.59	1.09	P	OUT
QL02184	Perfluoro tert-butylcyclohexane	84808-64-0	FC(F)(F)C(C(F)(F)F)C(F)(F)C1(F)C(F)C(F)(F)C(F)(F)C1F	-8.55	66.67	1.88	P	IN
QL02185	Perfluorodecahydro-1-t-butyl-naphthalene	118914-94-6	FC(F)(F)C(C(F)(F)F)C(F)(F)C1(F)C(F)(F)C(F)C(F)C2(F)C(F)C(F)(F)C(F)C12F	-8.74	65.00	2.01	P	IN
QL02186	Perfluorodecahydro-2-t-butyl-naphthalene	119107-97-0	FC(F)(F)C(C(F)(F)F)C(F)(F)C1(F)C(F)C(F)(F)C2(F)C(F)C(F)(F)C(F)(F)C(F)C2(F)C1F	-9.27	65.00	2.23	P	IN
QL02187	2H-Perfluoro(2-methyl)pentane	30320-28-6	FC(F)(F)C(C(F)(F)C(F)(F)C(F)F)F	-8.03	65.00	1.71	P	IN
QL02188	(1,1,1,5,5,6,6,7,7,7-Decafluorohept-3-yn-2-ylidene)cyclopentane	139226-05-4	FC(F)(F)C(C#CC(F)(F)C(F)(F)C(F)F)=C1CCCC1	-6.91	33.33	2.13	P	IN
QL02189	Hexafluoro-2,2,3,3-tetrachlorobutane	375-34-8	FC(F)(F)C(Cl)(Cl)C(Cl)C(F)F	-7.82	71.43	1.45	P	OUT
QL02190	1,2-Dibromohexafluoropropane	661-95-0	FC(F)(F)C(F)(Br)C(F)FBr	-7.60	72.73	1.32	P	OUT
QL02191	Bis(perfluoroisopropyl)ketone	813-44-5	FC(F)(F)C(F)C(=O)C(F)(C(F)(F)C(F)F)C(F)(F)C(F)F	-7.62	63.64	1.58	P	IN
QL02192	1,1,1,2,4,4,5,5-Octafluoro-5-iodo-2-(trifluoromethyl)pentan-3-one	93822-96-9	FC(F)(F)C(F)C(F)C(=O)C(F)(F)C(F)(F)C(F)F	-7.82	63.16	1.68	P	IN
QL02193	1-Propanone, 2,3,3,3-tetrafluoro-1-phenyl-2-(trifluoromethyl)-	56112-35-7	FC(F)(F)C(F)(C(=O)C1=CC=CC=C1)C(F)F	-6.10	30.43	1.88	P	IN
QL02194	1-(4-Chlorophenyl)-2,3,3,3-tetrafluoro-2-(trifluoromethyl)propan-1-one	56041-73-7	FC(F)(F)C(F)C(F)C(=O)c1ccc(Cl)cc1)C(F)F	-6.99	34.78	2.12	P	IN
QL02195	Benzyl 2,3,3,3-tetrafluoro-2-(trifluoromethyl)propanoate	38392-11-9	FC(F)(F)C(F)C(F)C(=O)OCC1C(CCC1)C(F)F	-6.48	25.93	2.16	P	OUT
QL02196	Bis[2,3,3,3-tetrafluoro-1-oxo-2-(trifluoromethyl)propyl]peroxide	111632-55-4	FC(F)(F)C(F)C(F)C(=O)OOC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)F	-7.95	53.85	1.99	P	IN
QL02197	2-bromo-3,4,4,4-tetrafluoro-3-(trifluoromethyl)but-1-ene	234443-24-4	FC(F)(F)C(F)C(F)(C(Br)=C)C(F)F	-6.09	53.33	1.24	P	IN
QL02198	Perfluoro-2,3-dimethylbutane	354-96-1	FC(F)(F)C(F)C(F)(C(F)(F)F)C(F)(C(F)(F)F)F	-7.35	70.00	1.30	P	OUT
QL02199	Heptane, 1,1,1,2,3,3,4,5,5,6,7,7,7-tridecafluoro-2,4,6-tris(trifluoromethyl)-	84808-63-9	FC(F)(F)C(F)C(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.05	68.75	2.03	P	OUT
QL02200	Perfluoro-2,7-dimethyloctane	3021-63-4	FC(F)(F)C(F)C(F)C(F)F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-9.32	68.75	2.14	P	OUT
QL02201	Perfluoro-2,9-dimethyldodecane	103188-55-2	FC(F)(F)C(F)C(F)C(F)F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-10.00	68.42	2.43	P	IN
QL02202	1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12-tetracosafuoro-2,11-bis(trifluoromethyl)dodecane	118694-32-9	FC(F)(F)C(F)C(F)C(F)F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F	-10.58	68.18	2.67	P	OUT
QL02203	1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-icosafuoro-12-iodo-2-(trifluoromethyl)dodecane	242142-80-9	FC(F)(F)C(F)C(F)C(F)F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)CCI	-10.07	58.54	2.73	P	OUT
QL02204	2-(Perfluoro-7-methyloctyl)ethyl iodide	40678-31-7	FC(F)(F)C(F)C(F)C(F)F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)CCI	-9.40	57.14	2.50	P	IN
QL02205	2-[2,2,3,3,4,4,5,5,6,7,7-dodecafluoro-6-(trifluoromethyl)heptyl]oxirane	24564-77-0	FC(F)(F)C(F)C(F)(C(F)(F)F)C(F)(F)C(F)(F)C(F)F)CC1CO1	-8.09	48.39	2.20	P	IN
QL02206	1,1,1,2,3,3,4,4,5,5,6,6-dodecafluoro-8-iodo-2-(trifluoromethyl)octane	18017-20-4	FC(F)(F)C(F)C(F)(C(F)(F)F)C(F)(F)C(F)(F)C(F)(F)C(F)CCI	-8.59	55.17	2.22	P	IN
QL02207	3,3,4,4,5,5,6,6,7,8,8,8-Dodecafluoro-7-(trifluoromethyl)octyl prop-2-enoate	50836-65-2	FC(F)(F)C(F)C(F)C(F)F)C(F)(F)C(F)(F)C(F)(F)C(F)COC(=O)C=C	-8.80	41.67	2.68	P	IN
QL02208	Perfluoroisooheptyl iodide	3486-08-6	FC(F)(F)C(F)C(F)F)C(F)(F)C(F)(F)C(F)(F)C(F)F)I	-8.66	69.57	1.85	P	OUT
QL02209	3,3,4,4,5,6,6-Octafluoro-5-(trifluoromethyl)hex-1-ene	139060-76-7	FC(F)(F)C(F)C(F)C(F)F)C(F)(F)C(F)(F)C=C	-7.32	52.38	1.77	P	IN

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QL02303	N,N-Dicyclohexyl-2,2,3,3,4,4,4-heptafluorobutanamide	386-84-5	FC(F)(F)C(F)(F)C(F)(F)C(=O)N(C1CCCCC1)C1CCCCC1	-5.86	14.89	2.21	P	OUT
QL02304	N,N-Dichloro-2,2,3,3,4,4,4-heptafluorobutanamide	86451-48-1	FC(F)(F)C(F)(F)C(F)(F)C(=O)N(C)Cl	-7.97	60.00	1.83	P	IN
QL02305	1-(Heptafluorobutryl)imidazole	32477-35-3	FC(F)(F)C(F)(F)C(F)(F)C(=O)N1C=C-CN=C1	-6.51	35.00	1.92	P	IN
QL02306	N-Heptafluorobutrylproline	56236-41-0	FC(F)(F)C(F)(F)C(F)(F)C(=O)N1CCC[C@H]1C(C)C=O	-6.70	29.63	2.15	P	IN
QL02307	1-(2,3-Dihydro-1H-indol-1-yl)-2,2,3,3,4,4,4-heptafluoro-1-butanone	543708-46-9	FC(F)(F)C(F)(F)C(F)(F)C(=O)N1CCCC2=CC=CC=C12	-6.57	24.14	2.24	P	OUT
QL02308	2,2,3,3,4,4,4-heptafluoro-1-pyrrolidin-1-ylbutan-1-one	424-54-4	FC(F)(F)C(F)(F)C(F)(F)C(=O)N1CCCC1	-6.04	28.00	1.92	P	OUT
QL02309	2,2,3,3,4,4,4-Heptafluoro-1-(piperidin-1-yl)butan-1-one	425-19-4	FC(F)(F)C(F)(F)C(F)(F)C(=O)N1CCCCC1	-6.45	25.00	2.17	P	OUT
QL02310	1,1'-(Piperazine-1,4-diyl)bis(heptafluorobutan-1-one)	120219-50-3	FC(F)(F)C(F)(F)C(F)(F)C(=O)N1CCN(CC1)C(=O)C(F)(F)C(F)(F)C(F)F	-8.50	36.84	2.69	P	IN
QL02311	1-[4-{[2H-1,3-Benzodioxol-5-yl)methyl]piperazin-1-yl}-2,2,3,3,4,4,4-heptafluorobutan-1-one	546063-97-2	FC(F)(F)C(F)(F)C(F)(F)C(=O)N1CCN(Cc2ccc3OCOc3c2)CC1	-7.62	16.28	2.89	P	OUT
QL02312	2,2,3,3,4,4,4-Heptafluoro-1-(piperazin-1-yl)butan-1-one	89245-13-6	FC(F)(F)C(F)(F)C(F)(F)C(=O)N1CCNCC1	-6.51	25.93	2.17	P	OUT
QL02313	2,2,3,3,4,4,4-Heptafluoro-1-(morpholin-4-yl)butan-1-one	425-20-7	FC(F)(F)C(F)(F)C(F)(F)C(=O)N1CCOCC1	-6.58	26.92	2.17	P	OUT
QL02314	N,N'-1,3-Phenylenebis(perfluorobutanamide)	524726-48-5	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1=CC(NC(=O)C(F)(F)C(F)(F)C(F)F)=CC=C1	-8.86	36.84	2.83	P	IN
QL02315	Butanamide, N,N'-{1,1'-biphenyl-4,4'-diylbis(2,2,3,3,4,4,4-heptafluoro-N,N'-(Methylenedi-1,4-phenylene)bis(perfluorobutanamide)	75042-07-8	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1=CC=C(C=C1)C1=CC=C(NC(=O)C(F)(F)C(F)(F)C(F)F)C=C1	-9.18	29.17	3.18	P	OUT
QL02316	phenylene)bis(perfluorobutanamide)	124232-75-3	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1=CC=C(C(C2=CC=C(C(NC(=O)C(F)(F)C(F)(F)C(F)F)C=C2)C=C1	-9.29	27.45	3.27	P	OUT
QL02317	N,N'-1,4-Phenylenebis(perfluorobutanamide)	524726-49-6	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1=CC=C(C(NC(=O)C(F)(F)C(F)(F)C(F)F)C=C1	-8.91	36.84	2.86	P	IN
QL02318	Al 3-18011	336-61-8	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1=CC=CC=C1	-6.84	28.00	2.25	P	OUT
QL02319	Thiobenzyl N-heptafluorobutrylanthranilate	82422-25-1	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1=CC=CC=C1C(=O)SCC1=CC=CC=C1	-7.66	17.07	2.89	P	OUT
QL02320	N-2-Pyridinylperfluorobutanamide	283172-09-8	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1=CC=CC=N1	-6.92	29.17	2.25	P	IN
QL02321	2,2,3,3,4,4,4-Heptafluoro-N-(2-oxo-2,3-dihydropyrimidin-4-yl)butanamide	94720-20-4	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1=CC=NC(=O)N1	-6.90	29.17	2.24	P	IN
QL02322	(2-Naphthalenyl)perfluorobutanamide	582-00-3	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1=CC2=CC=CC=C2C=C1	-7.14	22.58	2.52	P	OUT
QL02323	N-(2,6-Dichlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	121806-69-7	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1c(Cl)cccc1Cl	-7.26	36.00	2.20	P	IN
QL02324	2,2,3,3,4,4,4-Heptafluoro-N-(2,4,5-trichlorophenyl)butanamide	121806-70-0	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1cc(Cl)c(Cl)cc1Cl	-8.03	40.00	2.41	P	IN
QL02325	N-(2,5-Dichlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	121806-67-5	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1cc(Cl)ccc1Cl	-7.32	36.00	2.23	P	IN
QL02326	N-(4-Bromophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	308-67-8	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1ccc(Br)cc1	-7.58	32.00	2.44	P	IN
QL02327	N-(4-Chlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	79497-98-6	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1ccc(Cl)cc1	-7.58	32.00	2.44	P	IN
QL02328	N-(2,4-Dichlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	121806-66-4	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1ccc(Cl)cc1Cl	-7.78	36.00	2.42	P	IN
QL02329	N-(3-Chlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	106376-36-7	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1cccc(Cl)c1	-7.09	32.00	2.24	P	IN
QL02330	N-(2,3-Dichlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	121806-68-6	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1cccc(Cl)c1Cl	-7.32	36.00	2.23	P	IN
QL02331	N-(9,10-Dioxo-9,10-dihydroanthracen-1-yl)-2,2,3,3,4,4,4-heptafluorobutanamide	162441-56-7	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1cccc2C(=O)c3cccc3C(=O)c12	-7.26	18.92	2.67	P	OUT
QL02332	N-Cyclohexyl-2,2,3,3,4,4,4-heptafluorobutanamide	56663-38-8	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1CCCCC1	-6.48	22.58	2.25	P	OUT
QL02333	N-(2-Chlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	121806-65-3	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1cccc(Cl)	-7.06	32.00	2.23	P	IN
QL02334	2,2,3,3,4,4,4-Heptafluoro-N-(2-iodophenyl)butanamide (1R-trans)-N,N'-1,2-	378215-44-2	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1cccc1I	-7.06	32.00	2.23	P	IN
QL02335	Cyclohexanediylbis(perfluorobutanamide)	133964-60-0	FC(F)(F)C(F)(F)C(F)(F)C(=O)NC1CCCCC1NC(=O)C(F)(F)C(F)(F)C(F)F	-8.27	31.82	2.73	P	IN
QL02336	2,2,3,3,4,4,4-Heptafluoro-N-(1H-1,2,4-triazol-5-yl)butanamide	70501-47-2	FC(F)(F)C(F)(F)C(F)(F)C(=O)Nc1Nncn1	-7.01	33.33	2.17	P	IN
QL02337	Allylperfluorobutanamide	24429-61-6	FC(F)(F)C(F)(F)C(F)(F)C(=O)NCC=C	-6.98	31.82	2.20	P	IN
QL02338	N-(Phenylmethyl)perfluorobutanamide	560-02-1	FC(F)(F)C(F)(F)C(F)(F)C(=O)NCC1=CC=CC=C1	-7.06	25.00	2.42	P	OUT
QL02339	2,2,3,3,4,4,4-Heptafluoro-N-(2-phenylethyl)butanamide	29723-29-3	FC(F)(F)C(F)(F)C(F)(F)C(=O)NCCC1=CC=CC=C1	-7.06	22.58	2.49	P	OUT
QL02340	2,2,3,3,4,4,4-Heptafluoro-N-(3-phenylpropyl)butanamide	77970-73-1	FC(F)(F)C(F)(F)C(F)(F)C(=O)NCCCC1CCCCC1	-7.30	20.59	2.64	P	OUT
QL02341	N,N'-bis(Perfluorobutanoyl)1,6-hexanediamine	123665-83-8	FC(F)(F)C(F)(F)C(F)(F)C(=O)NCCCCCCNC(=O)C(F)(F)C(F)(F)C(F)F	-8.79	30.43	2.98	P	OUT
QL02342	N,N'-bis(Perfluorobutanoyl)1,5-pentanediamine	1814-80-8	FC(F)(F)C(F)(F)C(F)(F)C(=O)NCCCCCNC(=O)C(F)(F)C(F)(F)C(F)F	-8.82	32.56	2.94	P	OUT
QL02343	N,N'-bis(Perfluorobutanoyl)1,4-butanediamine	2967-59-1	FC(F)(F)C(F)(F)C(F)(F)C(=O)NCCCCNC(=O)C(F)(F)C(F)(F)C(F)F	-8.70	35.00	2.82	P	IN
QL02344	n-(2-chloroethyl)-2,2,3,3,4,4,4-heptafluorobutanamide	4314-29-8	FC(F)(F)C(F)(F)C(F)(F)C(=O)NCCCl	-7.41	38.10	2.20	P	IN
QL02345	N,N'-bis(Perfluorobutanoyl)1,3-propanediamine	149981-59-9	FC(F)(F)C(F)(F)C(F)(F)C(=O)NCCNC(=O)C(F)(F)C(F)(F)C(F)F	-8.77	37.84	2.77	P	IN
QL02346	ST50925188	86273-64-5	FC(F)(F)C(F)(F)C(F)(F)C(=O)NCCNC(=O)C(F)(F)C(F)(F)C(F)F	-8.69	41.18	2.65	P	IN
QL02347	N'-Benzylidene-2,2,3,3,4,4,4-heptafluorobutanethydrazide	736-62-9	FC(F)(F)C(F)(F)C(F)(F)C(=O)NN=CC1CCCC1	-7.22	25.00	2.49	P	OUT

QL02348	2,2,3,3,4,4,4-Heptafluoro-N'-[(pyridin-4-yl)methylidene]butanehydrazide	109373-81-1	FC(F)(F)C(F)(F)C(F)(F)C(=O)NN=Cc1ccncc1	-7.28	25.93	2.49	P	OUT
QL02349	2,2,3,3,4,4,4-heptafluoro-n'-(2,2,3,3,4,4,4-heptafluorobutanoyl)butanehydrazide	648-19-1	FC(F)(F)C(F)(F)C(F)(F)C(=O)NNC(=O)C(F)(F)C(F)(F)C(F)(F)F	-8.81	50.00	2.45	P	IN
QL02350	2,2,3,3,4,4,4-Heptafluoro-N'-phenylbutanehydrazide	77146-66-8	FC(F)(F)C(F)(F)C(F)(F)C(=O)NNc1ccccc1	-7.12	25.93	2.42	P	OUT
QL02351	4-Chlorophenyl (2,2,3,3,4,4,4-heptafluorobutanoyl)sulfamate	1443258-17-0	FC(F)(F)C(F)(F)C(F)(F)C(=O)NS(=O)(=O)Oc1ccc(Cl)cc1	-7.87	27.59	2.68	P	OUT
QL02352	Heptafluorobutanoic anhydride	NOCAS_861881	FC(F)(F)C(F)(F)C(F)(F)C(=O)OC(=O)C(F)(F)C(F)(F)C(F)(F)F	-9.05	56.00	2.38	P	IN
QL02353	1,1,1,3,3,3-Hexafluoro-2-(trifluoromethyl)propan-2-yl heptafluorobutanoate	922168-38-5	FC(F)(F)C(F)(F)C(F)(F)C(=O)OC(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.39	61.54	1.96	P	IN
QL02354	Vinyl perfluorobutyrate	356-28-5	FC(F)(F)C(F)(F)C(F)(F)C(=O)OC=C	-6.81	38.89	1.93	P	IN
QL02355	Decane-1,10-diyl bis(heptafluorobutanoate)	426-64-2	FC(F)(F)C(F)(F)C(F)(F)C(=O)OCCCCCCCCCOC(=O)C(F)(F)C(F)(F)C(F)(F)F	-9.11	25.00	3.27	P	OUT
QL02356	bis(heptafluorobutryl)peroxide	336-64-1	FC(F)(F)C(F)(F)C(F)(F)C(=O)OOC(=O)C(F)(F)C(F)(F)C(F)(F)F	-9.07	53.85	2.45	P	IN
QL02357	2,2,3,3,4,4,4-Heptafluoro-1-(morpholin-4-yl)butane-1-thione	1206684-15-2	FC(F)(F)C(F)(F)C(F)(F)C(=S)N1CCOCC1	-6.58	26.92	2.17	P	OUT
QL02358	2,2,3,3,4,4,4-Heptafluoro-N-phenylbutanethioamide	61881-12-7	FC(F)(F)C(F)(F)C(F)(F)C(=S)NC1=CC=CC=C1	-6.84	28.00	2.25	P	OUT
QL02359	2-bromo-1,1,1,3,3,4,4,5,5,5-decafluoro-2-(trifluoromethyl)pentane	22528-67-2	FC(F)(F)C(F)(F)C(F)(F)C(Br)(C(F)(F)C(F)(F)C(F)(F)F	-8.38	70.00	1.72	P	OUT
QL02360	2-bromo-3,3,4,4,5,5,5-heptafluoropent-1-ene	96916-53-9	FC(F)(F)C(F)(F)C(F)(F)C(Br)=C	-6.63	53.33	1.46	P	IN
QL02361	heptafluorobutanoyl bromide	375-13-3	FC(F)(F)C(F)(F)C(F)(F)C(Br)=O	-7.18	61.54	1.46	P	IN
QL02362	4,5-Dibromo-1,1,1,2,2,3,3-heptafluoropentane	377-46-8	FC(F)(F)C(F)(F)C(F)(F)C(Br)CBr	-7.51	52.94	1.84	P	IN
QL02363	1,1,1,2,2,3,3,5,6,6-Undecafluoro-4,4,5-tris(trifluoromethyl)hexane	86714-23-0	FC(F)(F)C(F)(F)C(F)(F)C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.48	68.97	1.79	P	OUT
QL02364	1,1,1,2,2,3,3,5,5,5-Decafluoro-4,4-bis(trifluoromethyl)pentane	29971-79-7	FC(F)(F)C(F)(F)C(F)(F)C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.14	69.57	1.63	P	OUT
QL02365	4,4,5,5,6,6,6-Heptafluoro-3,3-bis(trifluoromethyl)hex-1-ene	79272-26-7	FC(F)(F)C(F)(F)C(F)(F)C(C=C)C(C(F)(F)C(F)(F)C(F)(F)F	-7.25	54.17	1.69	P	IN
QL02366	1-bromo-4,4,5,5,6,6-heptafluoro-3,3-bis(trifluoromethyl)hex-1-ene	128454-94-4	FC(F)(F)C(F)(F)C(F)(F)C(C=CBr)C(C(F)(F)C(F)(F)C(F)(F)F	-7.77	58.33	1.79	P	IN
QL02367	6,6,7,7,8,8,8-Heptafluoro-5,5-bis(trifluoromethyl)octa-1,3-diene	1429188-77-1	FC(F)(F)C(F)(F)C(F)(F)C(C=C)C(C(F)(F)C(F)(F)C(F)(F)F	-7.56	46.43	2.04	P	IN
QL02368	4,4,5,5,6,6,6-heptafluoro-1-iodo-3,3-bis(trifluoromethyl)hex-1-ene	126681-21-8	FC(F)(F)C(F)(F)C(F)(F)C(C=C)C(C(F)(F)C(F)(F)C(F)(F)F	-7.77	58.33	1.79	P	IN
QL02369	(Perfluoropropyl)-2-(2-phenylhydrazinylidene)ethanal phenylhydrazine	57912-15-9	FC(F)(F)C(F)(F)C(F)(F)C(C(=NNC1=CC=CC=C1)=NNC1=CC=CC=C1	-7.15	17.07	2.68	P	OUT
QL02370	2,2'-(2,2,3,3,4,4,4-Heptafluorobutane-1,1-diyl)di(1H-pyrrole)	164792-01-2	FC(F)(F)C(F)(F)C(F)(F)C(c1Ncccc1)c1Ncccc1	-5.61	23.33	1.87	P	OUT
QL02371	(6E)-1,1,1,2,2,3,3,10,10,11,11,12,12-Tetradecafluoro-4,4,9,9-tetrakis(trifluoromethyl)dodec-6-ene	1946796-71-9	FC(F)(F)C(F)(F)C(F)(F)C(CC=CCC(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.86	54.17	2.35	P	IN
QL02372	Bis[4-[3,3,4,4,5,5,5-heptafluoro-2,2-bis(trifluoromethyl)pentyl]phenyl]phosphane	322647-83-6	FC(F)(F)C(F)(F)C(F)(F)C(CC1=CC=C(C=C1)P(C1=CC=CC=C1)C1=CC=C(CC(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.24	34.21	3.07	P	OUT
QL02373	1-Bromo-4-[3,3,4,4,5,5,5-heptafluoro-2,2-bis(trifluoromethyl)pentyl]benzene	149068-60-0	FC(F)(F)C(F)(F)C(F)(F)C(Cc1ccc(Br)cc1)(C(F)(F)C(F)(F)F	-7.81	42.42	2.25	P	IN
QL02374	Tris[4-[3,3,4,4,5,5,5-heptafluoro-2,2-bis(trifluoromethyl)pentyl]phenyl]phosphane	322647-82-5	FC(F)(F)C(F)(F)C(F)(F)C(Cc1ccc(cc1)P(c1ccc(C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.39	40.21	2.96	P	IN
QL02375	2-[3,3,4,4,5,5,5-Heptafluoro-2,2-bis(trifluoromethyl)pentyl]oxirane	119285-89-1	FC(F)(F)C(F)(F)C(F)(F)C(CC1CO1)(C(F)(F)C(F)(F)F	-7.02	46.43	1.81	P	IN
QL02376	6-Bromo-1,1,1,2,2,3,3-heptafluoro-4,4-bis(trifluoromethyl)hexane	128454-91-1	FC(F)(F)C(F)(F)C(F)(F)C(CCBr)C(F)(F)C(F)(F)F	-7.46	53.85	1.79	P	IN
QL02377	1,1,1,2,2,3,3-heptafluoro-6-iodo-4,4-bis(trifluoromethyl)hexane	115347-68-7	FC(F)(F)C(F)(F)C(F)(F)C(CI)C(C(F)(F)C(F)(F)F	-7.46	53.85	1.79	P	IN
QL02378	2-Chloro(perfluoro-2-methylpentane)	67437-97-2	FC(F)(F)C(F)(F)C(F)(F)C(Cl)C(C(F)(F)C(F)(F)F	-8.38	70.00	1.72	P	OUT
QL02379	Trichloroheptafluorobutane	28984-80-7	FC(F)(F)C(F)(F)C(F)(F)C(Cl)(Cl)Cl	-7.82	71.43	1.45	P	OUT
QL02380	Heptafluorobutryl Chloride	375-16-6	FC(F)(F)C(F)(F)C(F)(F)C(Cl)=O	-7.18	61.54	1.46	P	IN
QL02381	4,5-Dichloro-1,1,1,2,2,3,3-heptafluoropentane	577773-57-0	FC(F)(F)C(F)(F)C(F)(F)C(Cl)Cl	-7.51	52.94	1.84	P	IN
QL02382	1,1,1,2,4,5,5,6,6,7,7,7-dodecafluoro-2,4-bis(trifluoromethyl)heptan-3-one	95639-15-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.90	64.29	2.09	P	IN
QL02383	Hexane, 1,1,1,2,2,3,3,4,5,5,6,6,6-tridecafluoro-4-(trifluoromethyl)-	558-69-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.66	69.57	1.85	P	OUT
QL02384	Perfluoroisohexane	355-04-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.38	70.00	1.72	P	OUT
QL02385	Chromium pentacarbonyl[perfluoro-4-(isocyanato-βC)butane]	106065-05-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)N#[C-]([C-]([C-]#[O+]))([C-]#[O+]))([C-]#[O+]))([C-]#[O+])	-7.07	34.62	2.16	P	IN
QL02386	1-Bromoperfluorobutane	375-48-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)Br	-7.82	71.43	1.45	P	OUT
QL02387	1-(4-Bromophenyl)-2,2,3,3,4,4,5,5,5-nonafluoropentane-1-one	1228786-80-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)c1ccc(Br)cc1	-8.06	38.46	2.46	P	IN
QL02388	2-(2,2,3,3,4,4,5,5,5-Nonafluoropentanoyl)cyclopentane-1-one	347361-45-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)C1CCCC1=O	-6.92	32.14	2.17	P	IN
QL02389	1,1,1,2,2,3,3,4,4,8,9,9,10,10,11,11-Octadecafluoroundecane-5,7-dione	261503-82-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)CC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.55	54.55	2.63	P	IN
QL02390	4,4,5,5,6,6,7,7,7-Nonafluoro-1-phenylheptane-1,3-dione	168920-97-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)CC(=O)c1ccccc1	-7.56	29.03	2.52	P	OUT

QL02391	3,5-Bis(perfluorooxetyl)-1-(nonafluoropentanol)-1H-pyrazole	231630-88-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(C=O)N1N=C(C=C1C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.74	59.32	2.99	P	OUT
QL02392	2,2,3,3,4,4,5,5,5-Nonafluoro-N-phenylpentanamide	122590-97-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(C=O)Nc1ccccc1	-7.63	32.14	2.46	P	IN
QL02393	N,N'-bis(Perfluoropentanolyl)1,2-ethanediamine	119403-53-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(C=O)NCCN(C=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.45	45.00	2.85	P	IN
QL02394	Sodium perfluorovalerate	2706-89-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)O[Na]	-7.68	52.94	1.90	P	IN
QL02395	Perfluoropentanoic anhydride	308-28-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(C=O)OC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.79	58.06	2.63	P	IN
QL02396	Vinyl perfluorovalerate	424-37-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(C=O)OC=C	-7.70	42.86	2.19	P	IN
QL02397	Allyl perfluoropentanoate	84145-17-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(C=O)OCC=C	-7.53	37.50	2.27	P	IN
QL02398	3-(Trifluorosilyl)propyl nonafluoropentanoate	32916-37-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(C=O)OCCCSi(F)(F)F	-8.38	41.38	2.51	P	IN
QL02399	1,1,2-Tribromo-1-(nonafluorobutyl)ethane	59665-24-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(Br)C(Br)CBr	-8.12	60.00	1.89	P	IN
QL02400	2-Bromo-3,3,4,4,5,5,6,6,6-nonafluorohex-1-ene	59665-23-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(Br)C=C	-7.62	55.56	1.81	P	IN
QL02401	Nonafluoropentanyol bromide	159623-35-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(Br)=O	-8.08	62.50	1.81	P	IN
QL02402	5,6-dibromo-1,1,1,2,2,3,3,4,4-nonafluorohexane	236736-19-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(Br)CBr	-7.82	55.00	1.90	P	IN
QL02403	2-Chloro-3,3,4,4,5,5,6,6,6-nonafluorohex-1-ene	110927-72-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(Cl)=C	-7.62	55.56	1.81	P	IN
QL02404	Nonafluoropentanyol chloride	375-60-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(Cl)=O	-8.08	62.50	1.81	P	IN
QL02405	5,6-Dichloro-1,1,1,2,2,3,3,4,4-nonafluorohexane	136483-77-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(Cl)CCl	-7.82	55.00	1.90	P	IN
QL02406	Perfluoro-3-methylheptane	153273-33-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.26	69.23	2.10	P	OUT
QL02407	2,2,3,3,4,4,5,5,6,6,6-Undecafluoro-N-(2-phenylethyl)hexanamide	70414-01-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)NCCc1ccccc1	-8.19	29.73	2.76	P	OUT
QL02408	Perfluorohexanoic anhydride	308-13-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(C=O)OC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.40	59.46	2.84	P	OUT
QL02409	Ethenyl undecafluorohexanoate	464-35-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(C=O)OC=C	-8.03	45.83	2.24	P	IN
QL02410	Undecafluorohexanoyl chloride	335-53-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(Cl)=O	-8.36	63.16	1.90	P	IN
QL02411	1,2-Dibromoperfluoroheptane	678-32-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(Br)C(F)(F)Br	-9.40	69.57	2.15	P	OUT
QL02412	Perfluoro-2-methylheptane	153273-32-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.26	69.23	2.10	P	OUT
QL02413	(Perfluorohexyl)hexadecene	1244062-15-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C/C/CCCCCCCCCCCCC[H]	-9.25	19.70	3.47	P	OUT
QL02414	Perfluorohexylbromide	335-56-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)Br	-8.81	70.00	1.90	P	OUT
QL02415	N-(2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptanimidoyl)benzenecarboximidamide	123528-68-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=N)N(C=N)c1ccccc1	-8.50	34.21	2.76	P	IN
QL02416	N-[(2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptanimidoyl)oxy]benzenecarboximidamide	146304-61-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=N)ONC(=N)c1ccccc1	-8.79	33.33	2.90	P	IN
QL02417	2-(2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptanoyl)cyclohexan-1-one	141478-89-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)C1CCCCC1=O	-7.96	35.14	2.51	P	IN
QL02418	8H,8H-Perfluoropentadecane-7,9-dione	261503-74-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.74	57.78	3.03	P	OUT
QL02419	4,4,5,5,6,6,7,7,8,8,9,9-Tridecafluoro-1-phenylnonane-1,3-dione	99338-16-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)CC(=O)C1=CC=CC=C1	-8.56	35.14	2.76	P	IN
QL02420	7,7,8,8,9,9,10,10,11,11,12,12-Tridecafluoro-1-[1H-naphtho[2,3-d]imidazol-2-yl]dodecan-6-one	240121-57-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)CCCCC1Nc2cc3cccc3cc2n1	-8.88	23.21	3.22	P	OUT
QL02421	7,7,8,8,9,9,10,10,11,11,12,12,12-tridecafluorododecan-6-one	237738-71-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)CCCCC1Nc2cccc2n1	-8.76	26.00	3.10	P	OUT
QL02422	2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoro-1-(morpholin-4-yl)heptan-1-one	144237-77-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)N1CCOCC1	-8.11	37.14	2.52	P	IN
QL02423	N-Cyclohexyl-2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptanamide	73602-45-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)Nc1CCCCC1	-8.25	32.50	2.71	P	IN
QL02424	Sodium perfluoroheptanoate	20109-59-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)O[Na]	-8.73	56.52	2.24	P	IN
QL02425	Perfluoroheptanoic anhydride	78225-99-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)OC(=O)F	-10.92	60.47	3.03	P	OUT
QL02426	Ethenyl tridecafluoroheptanoate	240408-96-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)OC=C	-8.70	48.15	2.45	P	IN
QL02427	Prop-2-en-1-yl tridecafluoroheptanoate	53378-90-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)OCC=C	-8.53	43.33	2.52	P	IN
QL02428	7,7,8-Tribromo-1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluorooctane	59665-25-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(Br)(Br)CBr	-9.05	61.54	2.23	P	IN
QL02429	2-Bromo-2-(Perfluorohexyl)ethene (1Z)-1,2-Dibromo-3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooct-1-ene	51249-64-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(Br)=C	-8.66	58.33	2.16	P	IN
QL02430	tridecafluorooct-1-ene	59665-28-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(Br)=CBr	-9.13	62.50	2.24	P	IN
QL02431	tridecafluoroheptanoyl bromide	159623-34-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(Br)=O	-9.02	63.64	2.16	P	IN
QL02432	7,8-Dibromo-1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluorooctane	51249-62-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(Br)CBr	-8.80	57.69	2.24	P	IN
QL02433	Perfluoroheptanoyl chloride	52447-22-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(Cl)=O	-9.02	63.64	2.16	P	IN
QL02434	7,8-Dichloro-1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluorooctane	319490-55-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(Cl)CCl	-8.80	57.69	2.24	P	IN
QL02435	1-Bromopentadecafluoroheptane	375-88-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)Br	-9.40	69.57	2.15	P	OUT
QL02436	9H,9H-Triacontafluoro-8,10-heptadecanedione (1R,2R)-N,N'-bis(Perfluorooctanoyl)-1,2-cyclohexanediamine	36554-97-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)N[C@@H]1CCCC[C@H]1NC(=O)C(F)(F)					

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

QL02910	Perfluoroalkyl (linear) sulfinate, n=5		FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)S(O)=O	-7.81	55.00	1.90	P	IN
QL02911	1,1,1,2,2,3,3,4,4,5,6,6-Tridecafluoro-5-iodohexane	355-44-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)I	-8.81	70.00	1.90	P	OUT
QL02912	2,2,3,3,4,4,5,5,5-Nonafluoropentane-1,1-diol	355-30-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(O)O	-7.07	47.37	1.81	P	IN
QL02913	(3,3,4,4,5,5,6,6-Nonafluorohex-1-yn-1-yl)benzene	66249-23-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C#Cc1ccccc1	-7.72	34.62	2.43	P	IN
QL02914	2,2,3,3,4,4,5,5,5-nonafluoropentanenitrile	22325-71-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C#N	-7.92	60.00	1.81	P	IN
QL02915	1H,1H,2H-Perfluoro-1-hexene	19430-93-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C	-7.25	50.00	1.81	P	IN
QL02916	(3,3,4,4,5,5,6,6-Nonafluoro-1-iodohex-1-en-1-yl)benzene	109574-90-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C(I)C1=CC=CC=C1	-7.78	35.71	2.42	P	IN
QL02917	[(12)-3,3,4,4,5,5,6,6-Nonafluorohex-1-en-1-yl]benzene	95452-53-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C/c1ccccc1	-7.56	32.14	2.43	P	IN
QL02918	4,4,5,5,6,6,7,7,7-Nonafluorohepta-1,2-diene (5E)-	132673-98-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C/C	-7.31	47.37	1.91	P	IN
QL02919	1,1,1,2,2,3,3,4,4,7,7,8,8,9,9,10,10,11,12,12,13,13,14,14,14-Hexacosafuorotetradec-5-ene (5E)-1,1,1,2,2,3,3,4,4,7,7,8,8,9,9,10,10,11,12,12,12-Docosafuorododec-5-ene	51249-69-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.78	61.90	2.93	P	OUT
QL02920	1,1,1,2,2,3,3,4,4,7,7,8,8,9,9,10,10,11,11-icosafuoroundec-5-ene	51249-66-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.24	61.11	2.73	P	OUT
QL02921	1,1,1,2,2,3,3,4,4,7,7,8,8,9,9,10,10,10-Octadecafluorodec-5-ene	100508-28-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.96	60.61	2.63	P	IN
QL02922	Perfluorovaleraldehyde	84551-43-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)F	-9.48	60.00	2.45	P	IN
QL02923	Perfluorobutyraldehyde	375-53-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=O	-7.67	56.25	1.81	P	IN
QL02924	Perfluorobutylcyclohexane	374-60-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-9.29	66.67	2.19	P	IN
QL02925	Perfluorodecahydro-1-(perfluorobutyl)naphthalene	118914-93-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C2(F)C(F)(F)C(F)(F)C12F	-9.54	65.00	2.34	P	IN
QL02926	Perfluorodecahydro-2-n-butyl-naphthalene	119107-96-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)C(F)(F)C(F)(F)C2(F)C(F)(F)C(F)(F)C(F)(F)C2(F)C1(F)F	-9.97	65.00	2.51	P	IN
QL02927	Furan, 2,2,3,3,4,5,5-heptafluorotetrahydro-4-(nonafluorobutyl)-	646-85-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)C(F)(F)OC(F)(F)C1(F)F	-8.90	64.00	2.10	P	IN
QL02928	3,4,4-Trifluoro-3-(nonafluorobutyl)-1,2lambda~6~-oxathietane-2,2-dione	85211-95-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)C(F)(F)OS1(=O)=O	-7.70	54.55	1.87	P	IN
QL02929	2,2,3-Trifluoro-3-(nonafluorobutyl)oxirane	72804-48-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)OC1(F)F	-8.36	63.16	1.90	P	IN
QL02930	2-(Nonafluorobutyl)-4H-1-benzopyran-4-one	304877-96-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1=CC(=O)c2ccccc2O1	-7.51	31.03	2.44	P	IN
QL02931	6-(Nonafluorobutyl)-2-phenylpyrimidin-4(3H)-one	180748-44-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1=CC(=O)N(c1ccccc1)c1ccccc1	-7.45	27.27	2.52	P	OUT
QL02932	6-(Nonafluorobutyl)-2-sulfinyldiene-2,3-dihydropyrimidin-4(1H)-one	1426894-99-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1=CC(=O)NC(=S)N1	-7.28	37.50	2.17	P	IN
QL02933	9-(Nonafluorobutyl)-2,3,6,7-tetrahydro-1H,5H,11H-pyrano[2,3-f]pyrido[3,2,1-ij]quinolin-11-one	355822-08-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1=CC(=O)Oc2c3CCCN4CCCCc(cc12)c34	-6.93	20.00	2.51	P	OUT
QL02934	Benzene, (nonafluorobutyl)-	2398-75-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1=CC=CC=C1	-7.32	37.50	2.18	P	IN
QL02935	2-(Nonafluorobutyl)-1H-indene	1608112-37-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1=CC2C=CC=CC2C1	-7.07	31.03	2.26	P	IN
QL02936	SCHSEMBL1270621	58671-28-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1=CN(C(=O)N)C1=O	-7.47	37.50	2.24	P	IN
QL02937	4-(Nonafluorobutyl)-1,3-dihydro-2H-1,5-benzodiazepin-2-one	96146-12-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1=NC2C=CC=CC2N(C=O)C1	-7.26	28.13	2.42	P	OUT
QL02938	2-(Nonafluorobutyl)-1-benzofuran	1608112-36-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1c2ccccc2o1	-7.22	33.33	2.26	P	IN
QL02939	2-(Nonafluorobutyl)-1-benzothiophene	1608112-38-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1c2ccccc2s1	-7.22	33.33	2.26	P	IN
QL02940	4-(Nonafluorobutyl)benzene-1,2-dicarbonitrile	1207299-71-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1c1cccc(C#N)c(c1)C#N	-7.78	34.62	2.45	P	IN
QL02941	1-Ethynyl-4-(nonafluorobutyl)benzene	159241-92-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1c1cccc(C#C)cc1	-7.66	32.14	2.47	P	IN
QL02942	4-(Nonafluorobutyl)benzonitrile	137052-16-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1c1cccc(c1)C#N	-7.92	36.00	2.47	P	IN
QL02943	7-(Nonafluorobutyl)-1-benzothiophene	1608112-40-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1c1cccc2ccsc12	-6.98	33.33	2.16	P	IN
QL02944	Tetrahydr-(perfluorobutyl)furan	26446-59-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1CCCCO1	-6.55	36.00	1.91	P	IN
QL02945	2-(Nonafluorobutyl)thiophene	96721-81-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1c1cccs1	-7.01	42.86	1.91	P	IN
QL02946	3-(Nonafluorobutyl)-1H-indole	1608112-33-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1c1cNc2ccccc12	-7.11	32.14	2.24	P	IN
QL02947	Nonafluorobutylepoxide	89807-87-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1CO1	-7.07	47.37	1.81	P	IN
QL02948	4-(Nonafluorobutyl)-1,3-dioxolan-2-one	1469980-27-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1COC(=O)O1	-7.55	40.91	2.18	P	IN
QL02949	3-(Nonafluorobutyl)-1-benzothiophene	1608112-39-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1csc2ccccc12	-7.19	33.33	2.24	P	IN
QL02950	2-(Nonafluorobutyl)-1H-indole	1608112-34-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1c1Nc2ccccc2c1	-7.14	32.14	2.26	P	IN
QL02951	3-(Nonafluorobutyl)-5-phenyl-1H-pyrazole	204130-95-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1nNc(c1):c1ccccc1	-7.65	29.03	2.55	P	OUT
QL02952	11-(Nonafluorobutyl)-9,10-dihydro-9,10-(epithiomethano)anthracene	267648-90-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C1SC2c3ccccc3C1c1ccccc21	-6.84	22.50	2.40	P	OUT
QL02953	3,3,4,4,5,5,6,6,6-Nonafluorohexanoyl chloride	64018-24-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)CCl(Cl)=O	-7.66	52.63	1.90	P	IN
QL02954	Thiols, C10-20, -gamma-, -omega-, perfluoro (Perfluoroalkyl(C8-18)ethyl mercaptan)	68140-21-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(F)(F)C(F)(F)C(F)(F)CS	-8.64	45.45	2.51	P	IN
QL02955	1,1,1,2,2,3,3,4,4,6,6,8,8-Tridecafluoro-10-iodododecane	272451-64-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(F)(F)C(F)(F)CI	-8.56	43.75	2.52	P	IN
QL02956	1,1,1,2,2,3,3,4,4,6,6,8,8-Tridecafluoro-8-iodooctane	99325-17-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(F)(F)C(F)(F)I	-8.54	53.85	2.23	P	IN
QL02957	1,1,1,2,2,3,3,4,4,6,6,8-Undecafluoro-8-iodooctane	53626-95-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(F)(F)CI	-8.06	46.15	2.25	P	IN
QL02958	4-(Perfluorobutyl)-3,3-difluorobutanesulfonyl chloride	1225375-54-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(F)(F)CCS(Cl)(Cl)=O	-8.09	41.38	2.39	P	IN
QL02959	1-(3,3,4,4,5,5,6,6-Nonafluoro-1-iodohexyl)-2,8,9-trioxo-5-aza-1-silabicyclo[3.3.3]undecane	135587-13-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(I)(I)[Si](12OCCN(CCO1)CCO2	-7.13	23.81	2.49	P	OUT
QL02960	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,11,11,12,12,13,13,14,14,14-Hexacosafuoro-9-iodotetradecane	53638-13-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(I)(I)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.76	61.36	2.94	P	OUT
QL02961	1-Iodo-1,2-bis(perfluoro-n-butyl)ethane	53638-10-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(I)(I)C1CCCCC1	-9.53	59.38	2.49	P	IN
QL02962	(3,3,4,4,5,5,6,6-Nonafluoro-1-iodohexyl)cyclohexane	1464148-71-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(I)(I)C1CCCCC1	-7.24	27.78	2.42	P	OUT
QL02963	1,1,1,2,2,3,3,4,4,10,10,11,11,12,12,13,13,13-Octadecafluoro-6,8-diodotridecane	40735-21-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(I)(I)CC(I)(I)C(F)(F)C(F)(F)C(F)(F)F	-9.58	48.78	2.80	P	IN

QL02964	1,1,1,2,2,3,3,4,4,11,11,12,12,13,13,14,14,14-Octadecafluoro-6,9-diiodotetradecane	40735-23-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(I)CCC(I)CC(F)(F)C(F)(F)C(F)(F)F	-9.48	45.45	2.85	P	IN
QL02965	1,1,1,2,2,3,3,4,4,12,12,13,13,14,14,15,15-Octadecafluoro-6,10-diiodopentadecane	40735-25-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(CI)CCCC(I)CC(F)(F)C(F)(F)C(F)(F)F	-9.54	42.55	2.96	P	IN
QL02966	1,1,1,2,2,3,3,4,4,13,13,14,14,15,15,16,16-Octadecafluoro-6,11-diiodohexadecane	13105-46-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(CI)CCCC(I)CC(F)(F)C(F)(F)C(F)(F)F	-9.48	40.00	3.00	P	IN
QL02967	1 OH-substituted n2 fluorotelomer sulfonic acids, n=4 Dichloromethyl(3,3,4,4,5,5,6,6-nonafluorohexyl)silane	38436-16-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC(O)(S(=O)(O)=O)	-7.18	36.00	2.17	P	IN
QL02968			FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC[SiH2]C(C)Cl	-7.85	42.31	2.27	P	IN
QL02969	Bromotris(3,3,4,4,5,5,6,6-nonafluorohexyl)stannane	240497-37-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C[Sn])(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.38	47.46	2.75	P	IN
QL02970	Tris(3,3,4,4,5,5,6,6-nonafluorohexyl)(phenyl)stannane	240497-36-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C[Sn])(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F)(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-8.96	39.13	2.82	P	IN
QL02971	Tris(3,3,4,4,5,5,6,6-nonafluorohexyl)(prop-2-en-1-yl)stannane	215186-99-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C[Sn])(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F)(CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-9.04	40.91	2.80	P	IN
QL02972	Tris(3,3,4,4,5,5,6,6-nonafluorohexyl)stannane	240497-26-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C[Sn])(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F)(CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-9.21	45.76	2.73	P	IN
QL02973	4,4,5,5,6,6,7,7,7-Nonafluorohept-1-ene ([12]-4,4,5,5,6,6,7,7,7-Nonafluorohept-1-en-1-yl)benzene	129846-67-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC=C	-7.01	42.86	1.91	P	IN
QL02974		97041-10-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC=C/c1ccccc1	-7.51	29.03	2.49	P	OUT
QL02975	2-(2,2,3,3,4,4,5,5-Nonafluoropentyl)oxirane	81190-28-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC1CO1	-6.87	40.91	1.90	P	IN
QL02976	4-(2,2,3,3,4,4,5,5,5-Nonafluoropentyl)-1,3-dioxolan-2-one	912364-40-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CC1COC(=O)O1	-7.41	36.00	2.26	P	IN
QL02977	1H,1H,2H,2H-Perfluorohexyl bromide	38436-14-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CBr	-7.49	50.00	1.91	P	IN
QL02978	1-[[4,4,5,5,6,6,7,7,7-Nonafluoroheptanoyl]oxy]pyrrolidine-2,5-dione	852527-43-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCC(=O)ON1C(=O)CCC1=O	-7.28	27.27	2.45	P	OUT
QL02979	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,11,11,12,12,13,13,14,14,14-Hexacosafuorotetradecane	53638-09-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.59	59.09	2.93	P	OUT
QL02980	Decane, 1,1,1,2,2,3,3,4,4,7,7,8,8,9,9,10,10,10-octadecafluoro-	142083-52-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.23	56.25	2.45	P	IN
QL02981	1,1,1,2,2,3,3,4,4-Nonafluoro-7,7-diisocyanatoheptane	306976-22-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)C(N=C=O)N=C=O	-7.62	33.33	2.42	P	IN
QL02982	4,4,5,5,6,6,7,7,7-Nonafluoroheptanenitrile	26649-23-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)C#N	-7.73	42.86	2.21	P	IN
QL02983	1-[[[4-(2-(Perfluorobutyl)-1-ethyl)phenyl]methoxy]carbonyl]oxy]-2,5-pyrrolidinedione	825635-46-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCC1=CC=C(COC(=O)ON2C(=O)CCC2=O)C=C1	-8.11	19.15	3.02	P	OUT
QL02984	8-Bromo-1,1,1,2,2,3,3,4,4-nonafluorooctane	38436-18-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)CCBr	-7.62	38.46	2.28	P	IN
QL02985	10-Bromo-1,1,1,2,2,3,3,4,4-nonafluorodecane	457603-91-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)CCCCCBr	-7.72	31.25	2.52	P	IN
QL02986	1,1,1,2,2,3,3,4,4,11,11,12,12,13,13,14,14,14-Octadecafluorotetradecane	1835252-03-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCCCC(F)(F)C(F)(F)C(F)(F)F	-9.07	40.91	2.81	P	IN
QL02987	1,1,1,2,2,3,3,4,4,13,13,14,14,15,15,16,16,16-Octadecafluorohexadecane	1835252-00-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCCCCCCC(F)(F)C(F)(F)C(F)(F)F	-9.13	36.00	2.97	P	IN
QL02988	12,12,13,13,14,14,15,15,15-Nonafluoropentadecanoyl chloride	118624-68-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCCCCCCCC(Cl)=O	-8.30	21.74	3.02	P	OUT
QL02989	1,1,1,2,2,3,3,4,4,15,15,16,16,17,17,18,18-Octadecafluorooctadecane	1835251-99-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCCCCCCCC(F)(F)C(F)(F)C(F)(F)F	-9.22	32.14	3.11	P	OUT
QL02990	15-Bromo-1,1,1,2,2,3,3,4,4-nonafluoropentadecane	213207-95-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)CCCCCCCCCBr	-8.32	21.28	3.04	P	OUT
QL02991	1,1,1,2,2,3,3,4,4-Nonafluoro-8-iodooctane	99324-98-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)CI	-7.62	38.46	2.28	P	IN
QL02992	4,4,5,5,6,6,7,7,7-Nonafluoroheptyl iodide	183547-74-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)CI	-7.77	43.48	2.21	P	IN
QL02993	4,4,5,5,6,6,7,7,7-Nonafluoroheptyl prop-2-enoate	443145-46-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(COC(=O)C)=C	-7.60	30.00	2.51	P	IN
QL02994	4,4,5,5,6,6,7,7,7-Nonafluoroheptyl carbonochloridate	821806-42-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(COC(Cl)=O)	-8.01	38.46	2.44	P	IN
QL02995	(3,3,4,4,5,5,6,6-Nonafluorohexyl)carbonimidoyl	142030-27-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCN=C(Cl)Cl	-8.22	47.83	2.27	P	IN
QL02996	Bis(3,3,4,4,5,5,6,6-nonafluorohexyl) butanedioate	508194-70-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(COC(=O)OCC(=O)OCC(F)(F)C(F)(F)C(F)(F)F)	-9.55	36.00	3.14	P	IN
QL02997	bis(Perfluorobutyl)ethyl carbonate	1132677-78-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(COC(=O)OCC(F)(F)C(F)(F)C(F)(F)F)	-9.53	42.86	2.95	P	IN
QL02998	3,3,4,4,5,5,6,6-Nonafluorohexyl carbonochloridate	40678-17-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(COC(Cl)=O)	-7.93	43.48	2.27	P	IN
QL02999	6-(Ethenyloxy)-1,1,1,2,2,3,3,4,4-nonafluorohexane	63391-84-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCOC=C	-7.46	36.00	2.28	P	IN
QL03000	3,3,4,4,5,5,6,6-Nonafluorohexyl formate	78689-20-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCOC=O	-7.67	39.13	2.28	P	IN
QL03001	1,1,1,2,2,3,3,4,4-Nonafluoro-6-[(prop-2-en-1-yl)oxy]hexane	188298-09-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCOCC=C	-7.63	32.14	2.46	P	IN
QL03002	2-[(3,3,4,4,5,5,6,6-Nonafluorohexyl)oxy]methyl)oxirane	384828-82-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCOCC1CO1	-7.51	31.03	2.44	P	IN
QL03003	3-[[3,3,4,4,5,5,6,6-Nonafluorohexyl)oxy]propanenitrile	56300-32-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCOCC#N	-7.78	32.14	2.52	P	IN
QL03004	Tris(1H,1H,2H,2H-perfluorohexyl) phosphate	1887067-55-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(COP(=O)(OCC(F)(F)C(F)(F)C(F)(F)C(F)(F)OCC(F)(F)C(F)(F)C(F)(F)F)	-9.51	43.55	2.92	P	IN
QL03005	3,3,4,4,5,5,6,6-Nonafluorohexyl trifluoromethanesulfonate	171182-86-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCOS(=O)(=O)C(F)(F)F	-8.29	44.44	2.39	P	IN
QL03006	3,3,4,4,5,5,6,6-Nonafluoro-1-hexanethiol	68140-20-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCS	-7.01	42.86	1.91	P	IN
QL03007	n2 fluorotelomer sulfonyl propano-amido alkyl sulfonic acids, n=2		FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCS(CCC(NC(C)(C)CS(O)(=O)=O)(=O)=O)	-7.76	18.37	2.90	P	OUT
QL03008	n2 fluorotelomer thioamido sulfonic acids, n=2		FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCS(CCC(NC(C)(C)CS(O)(=O)=O)(=O)=O)	-7.77	18.75	2.89	P	OUT
QL03009	n2 fluorotelomer sulfonyl propanoic acids, n=2		FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCS(CCC(O)=O)(=O)=O	-7.40	28.13	2.47	P	OUT

QL03010	n2 fluorotelomer sulfonamido betaine-related, n=2		FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCS(NCCC[N+](CC(O)=O)(C)C(=O)=O)	-7.74	18.37	2.89	P	OUT
QL03011	3,3,4,4,5,5,6,6-Nonafluorohexyl thiocyanate	26650-08-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCSC#N	-7.79	40.91	2.28	P	IN
QL03012	n2 fluorotelomer thio alkyl amido betaine-related, n=2		FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCSCC(NCCC[N+](C)(C)CC(O)=O)=O	-8.05	17.31	3.04	P	OUT
QL03013	n2 fluorotelomer thio alkyl amido ammonium, n=2		FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCSCC(NCCC[N+](C)(C)CC(O)=O)=O	-7.92	20.00	2.92	P	OUT
QL03014	n2 fluorotelomer thio alkyl amido sulfonic acids, n=2		FC(F)(F)C(F)(F)C(F)(F)C(F)(F)CCSCCC(NC(C)(C)CS(O)=O)=O	-7.74	19.15	2.87	P	OUT
QL03015	1-Iodo-1H-nonafluoropentane	2253-14-7	FC(F)(F)C(F)(F)C(F)(F)C(F)CI	-7.84	58.82	1.81	P	IN
QL03016	1-Chlorononafluorobutane	558-89-4	FC(F)(F)C(F)(F)C(F)(F)C(F)Cl	-7.82	71.43	1.45	P	OUT
QL03017	2,2,3,3,4,4,5,5,5-Nonafluoropentyl acrylate	308-26-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)COC(=O)C=C	-7.53	37.50	2.27	P	IN
QL03018	1,1,1,2,2,3,3,4,4-Nonafluoro-5-[(prop-2-en-1-yl)oxy]pentane	646063-05-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)COCC=C	-7.46	36.00	2.28	P	IN
QL03019	5-[2-(Ethenyloxy)ethoxy]-1,1,1,2,2,3,3,4,4-nonafluoropentane	572911-07-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)COCCOC=C	-7.71	31.03	2.52	P	IN
QL03020	Perfluorobutane	355-25-9	FC(F)(F)C(F)(F)C(F)(F)C(F)F	-7.82	71.43	1.45	P	OUT
QL03021	Perfluoro-2-butyl-3-propyloxaziridine	143813-70-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)N1OC1(F)C(F)(F)C(F)(F)F	-9.62	62.96	2.43	P	IN
QL03022	Nonafluorobutyl prop-2-enoate	2708-03-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)OC(=O)C=C	-7.70	42.86	2.19	P	IN
QL03023	ether-substituted perfluoroalkyl (linear) caboxylic acids_i, n=4		FC(F)(F)C(F)(F)C(F)(F)C(F)(F)OC(F)(F)C(F)C(O)=O	-8.26	54.17	2.11	P	IN
QL03024	Ether, bis(nonafluorobutyl)	308-48-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F	-9.77	66.67	2.38	P	IN
QL03025	1-Bromoperfluoro-2,5,8-trioxadodecane	330562-47-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)Br	-10.22	62.50	2.69	P	OUT
QL03026	4-Pyridinecarboxamide, N-[4-(nonafluorobutoxy)phenyl]-	62315-14-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)OC1=CC=C(NC(=O)C2=CC=NC=C2)C=C1	-8.13	23.68	2.90	P	OUT
QL03027	3-Pyridinecarboxamide, N-[4-(nonafluorobutoxy)phenyl]-	62315-07-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)OC1=CC=C(NC(=O)C2=CC=NC=C2)C=C1	-8.13	23.68	2.90	P	OUT
QL03028	Tris(nonafluorobutyl)(oxo)-lambda^5~-phosphane	58431-34-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)P(=O)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)C(F)(F)C(F)(F)F	-9.70	65.85	2.38	P	IN
QL03029	Phosphorane, difluorotris(nonafluorobutyl)-[5-(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-yl)sulfonyl]benzene	91543-34-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)P(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.97	69.05	2.40	P	IN
QL03030	N-[(4-Bromophenyl)(perfluorobutyl)oxido-4-4-sulfanylidene]-1,1,1-trifluoromethanesulfonamide	1335014-68-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CCCCC1	-7.11	32.14	2.24	P	IN
QL03031	bis(Perfluorobutylsulfonyl)methylenephenyliodine	1421133-01-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C(F)(F)C1=CC=C(Br)C=C1	-7.90	38.24	2.40	P	IN
QL03032	1-[Bis(1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonyl)methanesulfonyl]-1,1,2,2,3,3,4,4,4-nonafluorobutane	681477-42-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C(F)(F)C(F)(F)C(F)(F)F	-8.73	42.22	2.63	P	IN
QL03033	[(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl)ethynyl]benzene	182505-69-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C(F)(F)C(F)(F)C(F)(F)F	-9.46	54.00	2.61	P	IN
QL03034	2-(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl)-1-phenylethan-1-one	63369-94-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C(F)(F)C(F)(F)C(F)(F)F	-7.74	31.03	2.53	P	IN
QL03035	[(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl)methyl]benzene	58510-75-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)CC(=O)C1=CC=CC=C1	-7.53	28.13	2.53	P	OUT
QL03036	1,1,1,2,2,3,3,4,4-Nonafluoro-4-[(1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonyl)methanesulfonyl]butane	879081-10-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)CC1CCCCC1	-7.51	30.00	2.47	P	IN
QL03037	N-[(4-Bromophenyl)oxido(trifluoromethyl)sulfanylidene]perfluorobutanesulfonamide	29214-37-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C(F)(F)C(F)(F)C(F)(F)F	-9.35	51.43	2.63	P	IN
QL03038	1-{(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl)-1H-benzotriazole	1421133-00-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CC=C(Br)C=C1)C(F)(F)F	-8.39	38.24	2.60	P	IN
QL03039	N-(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl)cyclopent-2-ene-1-carboxamide	681443-29-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CC=CC=C1	-7.54	31.03	2.45	P	IN
QL03040	N-(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl)cyclopentanecarboxamide	1440968-24-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CC=CC=C1	-7.38	28.13	2.47	P	OUT
QL03041	N-(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl)cyclohexanecarboxamide	1440968-21-7	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CCCCC1	-7.27	26.47	2.47	P	OUT
QL03042	N-(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl)cyclohexanecarboxamide	1440968-37-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CCCCC1	-7.28	24.32	2.53	P	OUT
QL03043	N,N'-(3,4-Dioxocyclobut-1-ene-1,2-diyl)bis(1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonamide)	1234571-87-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CC=CC=C1	-9.50	42.86	2.93	P	IN
QL03044	N-Cyclooctyl-1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonamide	1456900-48-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CCCCCCC1	-7.12	21.95	2.53	P	OUT
QL03045	1,1,2,2,3,3,4,4,4-nonafluoro-N-[(trifluoromethyl)sulfonyl]-1-Butanesulfonamide	39847-37-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C(F)(F)F	-8.14	48.00	2.23	P	IN
QL03046	Vinyl nonafluoro-1-butanedisulfonate	42409-05-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C=C	-7.51	40.91	2.17	P	IN
QL03047	Phenyl nonafluorobutane-1-sulfonate	25628-11-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CC=CC=C1	-7.66	32.14	2.47	P	IN
QL03048	Cyclopent-1-en-1-yl nonafluorobutane-1-sulfonate	36839-94-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CC=CC=C1	-7.03	31.03	2.24	P	IN
QL03049	Cyclohex-1-en-1-yl nonafluorobutane-1-sulfonate	36839-95-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CCCCC1	-7.39	28.13	2.47	P	OUT
QL03050	Cyclohept-1-en-1-yl nonafluorobutane-1-sulfonate	42108-79-2	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CCCCC1	-7.22	25.71	2.47	P	OUT
QL03051	4-Cyanophenyl nonafluorobutane-1-sulfonate	626201-15-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CC=CC=C1	-8.08	31.03	2.68	P	IN
QL03052	2,4-Dichlorophenyl nonafluorobutane-1-sulfonate	32848-21-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CC=CC=C1	-8.25	39.29	2.52	P	IN
QL03053	Quinolin-8-yl nonafluorobutane-1-sulfonate	41605-60-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CC=CC=C1	-7.42	27.27	2.51	P	OUT
QL03054	2-Cyanophenyl nonafluorobutane-1-sulfonate	873838-37-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C1=CC=CC=C1	-7.54	31.03	2.45	P	IN
QL03055	1,2-Ethanediyl bis(perfluorobutanesulfonate)	92982-03-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F(S(=O)(=O)N(=O)=O)C(F)(F)C(F)(F)C(F)(F)F	-9.44	45.00	2.85	P	IN

QL03056	2-[(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl)oxy]-3a,4,7,7a-tetrahydro-1H-4,7-methanoisindole-1,3(2H)-dione	307531-76-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)ON1C(=O)C2C3CC(C=C3)C2C1=O	-7.20	24.32	2.50	P	OUT
QL03057	1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-1-Butanesulfonamide	34454-99-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)NCCO)=O	-7.28	34.62	2.25	P	IN
QL03058	[1-(1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfinyl)ethenyl]benzene	1606997-41-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)C(=C)c1ccccc1	-7.47	30.00	2.45	P	IN
QL03059	Perfluoro-1-butanefluoronyl chloride	2991-84-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(Cl)=O)=O	-7.81	58.82	1.79	P	IN
QL03060	Perfluorobutanesulfinyl chloride	41006-41-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(Cl)=O	-8.08	62.50	1.81	P	IN
QL03061	Perfluorobutane sulfonamidoacetic acid	347872-22-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(NCC(=O)O)=O)=O	-7.37	36.00	2.24	P	IN
QL03062	Perfluoroalkyl (linear) sulfinate, n=4	34642-43-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(O)=O	-7.44	52.94	1.81	P	IN
QL03063	[(Nonafluorobutyl)disulfonyl]benzene	1606997-42-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)SSc1ccccc1	-7.72	34.62	2.43	P	IN
QL03064	1,1,1,2,2,3,3,4,5,5,5-Undecafluoro-4-iodopentane	68158-13-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)I	-8.60	70.59	1.79	P	OUT
QL03065	1,1,1,2,2,3,3,5,5,5-Decafluoro-4-iodo-4-(trifluoromethyl)pentane	102780-88-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.38	70.00	1.72	P	OUT
QL03066	1-ethoxy-2,2,3,3,4,4,4-heptafluorobutan-1-ol	356-26-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)OCC	-6.33	31.82	1.93	P	IN
QL03067	2,2,3,3,4,4,4-Heptafluoro-1-phenylbutyl diphenyl phosphate	98010-21-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(OP(=O)(Oc1ccccc1)Oc1ccccc1)c1ccccc1	-6.32	14.00	2.42	P	OUT
QL03068	3,3,4,4,5,5,5-heptafluoropent-1-yne	80337-25-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C#C	-6.66	53.85	1.46	P	IN
QL03069	4,4,5,5,6,6,6-Heptafluoro-1-phenylhex-2-yn-1-one	89965-72-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C#CC(=O)C1=CC=CC=C1	-7.26	28.00	2.42	P	OUT
QL03070	(3,3,4,4,5,5,5-Heptafluoropent-1-yn-1-yl)benzene	81674-08-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C#Cc1ccccc1	-6.92	30.43	2.21	P	IN
QL03071	Heptafluorobutyronitrile	375-00-8	FC(F)(F)C(F)(F)C(F)(F)C#N	-6.96	58.33	1.46	P	IN
QL03072	3,3,4,4,5,5,5-heptafluoropent-1-ene	355-08-8	FC(F)(F)C(F)(F)C(F)(F)C=C	-6.18	46.67	1.46	P	IN
QL03073	3-(2,2,3,3,4,4,4-Heptafluorobutylidene)oxolan-2-one	89608-45-7	FC(F)(F)C(F)(F)C(F)(F)C(=O)C1COC1=O	-6.26	31.82	1.90	P	IN
QL03074	4,4,5,5,6,6,6-Heptafluoro-1-phenylhex-2-en-1-one	110960-47-9	FC(F)(F)C(F)(F)C(F)(F)C(=O)C1=CC=CC=C1	-7.12	25.93	2.42	P	OUT
QL03075	1,1,1,2,2,3,3,6,6,7,7,8,8,9,9,10,10,11,11-icosaflluoroundec-4-ene	100603-63-2	FC(F)(F)C(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.08	60.61	2.68	P	OUT
QL03076	1,1,1,2,2,3,3,6,6,7,7,8,8,9,9,10,10,10-Octadecafluorodec-4-ene	935477-16-0	FC(F)(F)C(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.61	60.00	2.50	P	IN
QL03077	1,1,1,2,2,3,3,6,6,7,7,8,8,9,9,9-Hexadecafluoronon-4-ene	935477-07-9	FC(F)(F)C(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.27	59.26	2.38	P	IN
QL03078	1,1,1,2,2,3,3,6,6,7,7,8,8,8-Tetradecafluorooct-4-ene	3910-82-5	FC(F)(F)C(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)F	-8.67	58.33	2.16	P	IN
QL03080	3,3,4,4,5,5,5-Heptafluoro-1-iodo-1-pentene	376-97-6	FC(F)(F)C(F)(F)C(F)(F)C=CI	-7.59	53.33	1.85	P	IN
QL03082	(1E)-2,2,3,3,4,4,4-Heptafluoro-N-phenylbutan-1-imine	62765-24-6	FC(F)(F)C(F)(F)C(F)(F)C=NC1=CC=CC=C1	-6.83	29.17	2.21	P	IN
QL03083	(1E)-2,2,3,3,4,4,4-Heptafluoro-N-(2-phenylethyl)butan-1-imine	29723-32-8	FC(F)(F)C(F)(F)C(F)(F)C=NC1C=CC=CC=C1	-7.04	23.33	2.46	P	OUT
QL03084	Perfluorobutylaldehyde	375-02-0	FC(F)(F)C(F)(F)C(F)(F)C=O	-6.66	53.85	1.46	P	IN
QL03085	Undecafluoro(heptafluoropropyl)cyclohexane	374-59-4	FC(F)(F)C(F)(F)C(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-9.04	66.67	2.08	P	IN
QL03086	2,2,3,3,4,4,5,6,6-Nonafluoro-5-(heptafluoropropyl)oxane	801-26-3	FC(F)(F)C(F)(F)C(F)(F)C1(F)C(F)(F)OC(F)(F)C(F)(F)C1(F)F	-8.90	64.00	2.10	P	IN
QL03087	3,4,4-Trifluoro-3-(heptafluoropropyl)-1,2lambda~6~-oxathietane-2,2-dione	156465-44-0	FC(F)(F)C(F)(F)C(F)(F)C1(F)C(F)(F)OS1(=O)=O	-7.28	52.63	1.75	P	IN
QL03088	2,2,3,3,4,4,5,6-Nonafluoro-6-(heptafluoropropyl)tetrahydro-2H-pyran	335-35-3	FC(F)(F)C(F)(F)C(F)(F)C1(F)OC(F)(F)C(F)(F)C1(F)F	-8.93	64.00	2.11	P	IN
QL03089	2,2,3,3,4,4,5-Heptafluoro-5-(heptafluoropropyl)oxolane	423-22-3	FC(F)(F)C(F)(F)C(F)(F)C1(F)OC(F)(F)C(F)(F)C1(F)F	-8.34	63.64	1.88	P	IN
QL03090	2,2,3-Trifluoro-3-(heptafluoropropyl)oxirane	74942-19-1	FC(F)(F)C(F)(F)C(F)(F)C1(F)OC1(F)F	-8.08	62.50	1.81	P	IN
QL03091	1,4-Bis(chloromethyl)-2-(heptafluoropropyl)benzene	139263-35-7	FC(F)(F)C(F)(F)C(F)(F)C1=C(CCl)C=CC(CCl)=C1	-6.92	33.33	2.13	P	IN
QL03092	5-(Heptafluoropropyl)-3-phenyl-1H-pyrazole	54864-78-7	FC(F)(F)C(F)(F)C(F)(F)C1=CC(=NN1)C1=CC=CC=C1	-7.08	25.00	2.43	P	OUT
QL03093	6-(Heptafluoropropyl)-2-sulfanylidene-2,3-dihydropyrimidin-4(1H)-one	88191-88-2	FC(F)(F)C(F)(F)C(F)(F)C1=CC(=O)NC(=S)N1	-6.37	33.33	1.91	P	IN
QL03094	1-Bromo-3-(heptafluoropropyl)benzene	53104-06-6	FC(F)(F)C(F)(F)C(F)(F)C1=CC(Br)=CC=C1	-6.72	38.10	1.92	P	IN
QL03095	2-[(4-(Heptafluoropropyl)phenyl)methyl]oxirane	144006-68-8	FC(F)(F)C(F)(F)C(F)(F)C1=CC=C(C(C2CO2)C=C1	-7.20	24.14	2.50	P	OUT
QL03096	N-[6-(Heptafluoropropyl)-2-oxo-2H-pyran-3-yl]benzamide	860454-18-8	FC(F)(F)C(F)(F)C(F)(F)C1=CC=C(NC(=O)C2C(=O)C(=O)O1	-7.56	20.59	2.75	P	OUT
QL03097	Quinoline, 4-(heptafluoropropyl)-	181059-73-4	FC(F)(F)C(F)(F)C(F)(F)C1=CC=NC2=CC=CC=C2N1	-6.49	26.92	2.13	P	OUT
QL03098	AC1LC6EI	60007-37-6	FC(F)(F)C(F)(F)C(F)(F)C1=CN(C(=O)NC1=O	-6.97	33.33	2.16	P	IN
QL03099	5-(Heptafluoropropyl)-2-sulfanylidene-2,3-dihydropyrimidin-4(1H)-one	145663-11-2	FC(F)(F)C(F)(F)C(F)(F)C1=CN(C(=S)NC1=O	-6.97	33.33	2.16	P	IN
QL03100	(4S)-4-Benzyl-2-(heptafluoropropyl)-4,5-dihydro-1,3-oxazole	1366341-52-7	FC(F)(F)C(F)(F)C(F)(F)C1=N[C@@H](Cc2ccccc2)CO1	-7.08	21.88	2.52	P	OUT
QL03101	2,4,6-Tris(heptafluoropropyl)-1,3,5-triazine	915-76-4	FC(F)(F)C(F)(F)C(F)(F)C1=NC(=NC(=N1)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.83	58.33	2.23	P	IN
QL03102	MLS002694827	4314-49-2	FC(F)(F)C(F)(F)C(F)(F)C1=NC(=O)ON1	-6.94	41.18	1.92	P	IN
QL03103	Benzimidazole, 5(or 6)-chloro-2-(heptafluoropropyl)-	6866-58-6	FC(F)(F)C(F)(F)C(F)(F)C1=NC2=C(N1)C=C(C1)C=C2	-7.29	33.33	2.29	P	IN
QL03104	2-(Heptafluoropropyl)-1H-benzimidazole	559-37-5	FC(F)(F)C(F)(F)C(F)(F)C1=NC2=CC=CC=C2N1	-6.71	29.17	2.16	P	IN
QL03105	2-(Perfluoropropyl)benzoxazole	2008-06-2	FC(F)(F)C(F)(F)C(F)(F)C1=NC2=CC=CC=C2O1	-6.80	30.43	2.16	P	IN
QL03106	4-(Heptafluoropropyl)-1,3-dihydro-2H-1,5-benzodiazepin-2-one	96146-10-0	FC(F)(F)C(F)(F)C(F)(F)C1=Nc2ccccc2NC(=O)C1	-6.56	24.14	2.24	P	OUT
QL03107	2-(heptafluoropropyl)-4,5-dihydro-1h-imidazole	4472-70-2	FC(F)(F)C(F)(F)C(F)(F)C1=NCCN1	-6.28	35.00	1.83	P	IN
QL03108	2-(Heptafluoropropyl)-1-phenyl-4,5-dihydro-1H-imidazole	1069085-53-5	FC(F)(F)C(F)(F)C(F)(F)C1=NCCN1c1ccccc1	-6.55	23.33	2.26	P	OUT

QL03109	1-Benzyl-2-(heptafluoropropyl)-4,5-dihydro-1H-imidazole	1069085-51-3	FC(F)(F)C(F)(F)C(F)(F)C1=NCCN1Cc1cccc1	-6.90	21.21	2.46	P	OUT
QL03110	2-Perfluoropropyl-5-phenyl-1,3,4-oxadiazole	5756-67-2	FC(F)(F)C(F)(F)C(F)(F)C1=NN=C(O1)C1=CC=CC=C1	-7.21	26.92	2.43	P	OUT
QL03111	5-(heptafluoropropyl)-1-phenyl-1h-tetrazole	2712-85-8	FC(F)(F)C(F)(F)C(F)(F)C1=NN=NN1C1=CC=CC=C1	-6.79	26.92	2.26	P	OUT
QL03112	4-Bromo-2-(heptafluoropropyl)pyridine	1816283-37-0	FC(F)(F)C(F)(F)C(F)(F)C1cc(Br)ccn1	-6.85	40.00	1.92	P	IN
QL03113	4-Chloro-2-(heptafluoropropyl)pyridine	1816283-32-5	FC(F)(F)C(F)(F)C(F)(F)C1cc(Cl)ccn1	-6.85	40.00	1.92	P	IN
QL03114	1-Bromo-4-(heptafluoropropyl)benzene	117874-91-6	FC(F)(F)C(F)(F)C(F)(F)C1ccc(Br)cc1	-7.36	38.10	2.18	P	IN
QL03115	5-Bromo-2-(heptafluoropropyl)pyridine	1816282-96-8	FC(F)(F)C(F)(F)C(F)(F)C1ccc(Br)cn1	-7.49	40.00	2.18	P	IN
QL03116	1-(Heptafluoropropyl)-4-iodobenzene	1417885-93-8	FC(F)(F)C(F)(F)C(F)(F)C1ccc(I)cc1	-7.36	38.10	2.18	P	IN
QL03117	N-[5-(Heptafluoropropyl)][1,1'-biphenyl]-2-yl]benzamide	748785-00-4	FC(F)(F)C(F)(F)C(F)(F)C1ccc(NC(=O)[c2ccccc2]c(c1)-c1ccccc1	-7.28	15.56	2.78	P	OUT
QL03118	2-(Heptafluoropropyl)quinoline	57702-79-1	FC(F)(F)C(F)(F)C(F)(F)C1ccc2ccccc2n1	-6.86	26.92	2.29	P	OUT
QL03119	5-(Heptafluoropropyl)isoquinoline-1-carbaldehyde	31181-32-5	FC(F)(F)C(F)(F)C(F)(F)C1cccc2c(C=O)cccc12	-6.63	25.00	2.24	P	OUT
QL03120	(Heptafluoropropyl)benzene	378-98-3	FC(F)(F)C(F)(F)C(F)(F)C1ccccc1	-6.41	33.33	1.92	P	IN
QL03121	2-(Heptafluoropropyl)cyclohexan-1-one	61282-91-5	FC(F)(F)C(F)(F)C(F)(F)C1CCCCC1=O	-5.93	26.92	1.90	P	OUT
QL03122	1-(heptafluoropropyl)-2-iodocyclohexane	2728-75-8	FC(F)(F)C(F)(F)C(F)(F)C1CCCCC1I	-6.11	29.63	1.90	P	IN
QL03123	3-(Heptafluoropropyl)oxolane	143837-48-3	FC(F)(F)C(F)(F)C(F)(F)C1CCOC1	-6.07	31.82	1.83	P	IN
QL03124	5-(Heptafluoropropyl)dihydropyrimidine-2,4(1H,3H)-dione	90715-84-7	FC(F)(F)C(F)(F)C(F)(F)C1CNC(=O)NC1=O	-6.78	30.43	2.16	P	IN
QL03125	5-(Heptafluoropropyl)pyrimidine	1354703-21-1	FC(F)(F)C(F)(F)C(F)(F)C1cnccn1	-6.65	36.84	1.92	P	IN
QL03126	2-(Heptafluoropropyl)oxirane	51035-20-2	FC(F)(F)C(F)(F)C(F)(F)C1CO1	-5.99	43.75	1.46	P	IN
QL03127	5-(Heptafluoropropyl)-1H-pyrrole-2-carbaldehyde	123825-52-5	FC(F)(F)C(F)(F)C(F)(F)C1Nc(C=O)cc1	-7.04	33.33	2.18	P	IN
QL03128	4,6-Dichloro-2-(heptafluoropropyl)pyrimidine	1023815-51-1	FC(F)(F)C(F)(F)C(F)(F)C1nc(Cl)cc(Cl)n1	-7.31	47.37	1.91	P	IN
QL03129	2-(Heptafluoropropyl)-1H-indole	123825-50-3	FC(F)(F)C(F)(F)C(F)(F)C1nc2ccccc2c1	-6.63	28.00	2.16	P	OUT
QL03130	2-(Heptafluoropropyl)-3-phenylquinoxaline	69492-70-2	FC(F)(F)C(F)(F)C(F)(F)C1nc2cccc2nc1-c1ccccc1	-6.20	20.00	2.21	P	OUT
QL03131	4-Chloro-2-(heptafluoropropyl)pyrimidine	937676-00-1	FC(F)(F)C(F)(F)C(F)(F)C1nccc(Cl)n1	-6.99	42.11	1.92	P	IN
QL03132	2-(Heptafluoropropyl)-1H-pyrrole	118425-75-5	FC(F)(F)C(F)(F)C(F)(F)C1Nccc1	-6.41	36.84	1.83	P	IN
QL03133	1-(Heptafluoropropyl)isoquinoline	70414-12-9	FC(F)(F)C(F)(F)C(F)(F)C1nccc2ccccc12	-6.49	26.92	2.13	P	OUT
QL03134	2-(Heptafluoropropyl)pyrimidine	133391-64-7	FC(F)(F)C(F)(F)C(F)(F)C1ncccn1	-6.65	36.84	1.92	P	IN
QL03135	Imidazolidine, 2-heptafluoropropyl-	31185-53-2	FC(F)(F)C(F)(F)C(F)(F)C1NCCN1	-6.07	31.82	1.83	P	IN
QL03136	2-(Heptafluoropropyl)-1H-imidazole	81769-47-3	FC(F)(F)C(F)(F)C(F)(F)C1Nccn1	-6.54	38.89	1.83	P	IN
QL03138	4-Bromo-3-(heptafluoropropyl)-5-phenyl-1H-pyrazole	82633-52-1	FC(F)(F)C(F)(F)C(F)(F)C1Nnc(c1Br):c1ccccc1	-7.30	28.57	2.42	P	OUT
QL03139	5-(Heptafluoropropyl)-3-phenyl-1H-1,2,4-triazole	2195-67-7	FC(F)(F)C(F)(F)C(F)(F)C1Nnc(n1)-c1ccccc1	-7.14	25.93	2.43	P	OUT
QL03140	3-(Heptafluoropropyl)-6-(morpholin-4-yl)[1,2,4]triazolo[4,3-b]pyridazine	296886-61-8	FC(F)(F)C(F)(F)C(F)(F)C1nnc2ccc((nn12)N1CCOCC1	-6.99	20.00	2.53	P	OUT
QL03141	3-(Heptafluoropropyl)-1H-pyrazole	158148-63-1	FC(F)(F)C(F)(F)C(F)(F)C1nNcc1	-6.54	38.89	1.83	P	IN
QL03142	2(5H)-Furanone, 5-(heptafluoropropyl)-	143469-51-6	FC(F)(F)C(F)(F)C(F)(F)C1O(C=O)C=C1	-6.65	36.84	1.92	P	IN
QL03143	2-(Heptafluoropropyl)-1,3-dioxolane	109799-66-8	FC(F)(F)C(F)(F)C(F)(F)C1OCCO1	-6.28	35.00	1.83	P	IN
QL03144	Allyl heptafluorobutyrate	17165-55-8	FC(F)(F)C(F)(F)C(F)(F)CC(=O)OC=C	-6.96	33.33	2.15	P	IN
QL03145	1,1,1,2,2,3,3,10,11,11,12,12,12-Tetradecafluoro-5,8-diiodododecane	2357-30-4	FC(F)(F)C(F)(F)C(F)(F)CC(I)C(C)(I)C(F)(F)C(F)(F)C(F)(F)F	-8.75	42.11	2.65	P	IN
QL03146	1,1,1,2,2,3,3,11,11,12,12,13,13,13-Tetradecafluoro-5,9-diiodotridecane	1644-06-0	FC(F)(F)C(F)(F)C(F)(F)CC(I)C(C)(I)C(C)(F)(F)C(F)(F)F	-8.85	39.02	2.77	P	IN
QL03147	Trichloro(3,3,4,4,5,5,5-heptafluoropentyl)silane	866-24-0	FC(F)(F)C(F)(F)C(F)(F)CC(Si)(Cl)(Cl)Cl	-7.49	50.00	1.91	P	IN
QL03148	3,3,4,4,5,5,5-heptafluoropentanal	126015-32-5	FC(F)(F)C(F)(F)C(F)(F)CC=O	-6.94	43.75	1.85	P	IN
QL03149	(2,2,3,3,4,4,4-Heptafluorobutyl)benzene	81664-99-5	FC(F)(F)C(F)(F)C(F)(F)C1ccccc1	-6.64	29.17	2.13	P	IN
QL03150	1H,1H-Heptafluorobutyl epoxide	1765-92-0	FC(F)(F)C(F)(F)C(F)(F)CC1CO1	-6.43	36.84	1.84	P	IN
QL03151	2-(2,2,3,3,4,4,4-Heptafluorobutyl)-1,3-dioxolane	175607-87-1	FC(F)(F)C(F)(F)C(F)(F)CC1OCCO1	-6.21	30.43	1.92	P	IN
QL03152	5-Bromo-1,1,1,2,2,3,3-heptafluoropentane	355-94-2	FC(F)(F)C(F)(F)C(F)(F)CCBr	-7.16	47.06	1.85	P	IN
QL03153	1,1,1,2,2,3,3,4,4,5,5,6,6,9,9,10,10,11,11-icosafuoroundecane	777931-73-4	FC(F)(F)C(F)(F)C(F)(F)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.85	57.14	2.68	P	IN
QL03154	1,1,1,2,2,3,3,6,6,7,7,8,8,8-Tetradecafluorooctane	1835251-92-7	FC(F)(F)C(F)(F)C(F)(F)CCC(F)(F)C(F)(F)C(F)(F)F	-8.37	53.85	2.16	P	IN
QL03155	7-Bromo-1,1,1,2,2,3,3-heptafluoroheptane	1391033-22-9	FC(F)(F)C(F)(F)C(F)(F)CCCCBr	-7.11	34.78	2.17	P	IN
QL03156	1,1,1,2,2,3,3,10,10,11,11,12,12,12-Tetradecafluorododecane	69125-82-2	FC(F)(F)C(F)(F)C(F)(F)CCCCCCC(F)(F)C(F)(F)C(F)(F)F	-8.29	36.84	2.60	P	IN
QL03157	1,1,1,2,2,3,3,12,12,13,13,14,14,14-Tetradecafluorotetradecane	1835251-91-6	FC(F)(F)C(F)(F)C(F)(F)CCCCCCCC(F)(F)C(F)(F)C(F)(F)F	-8.41	31.82	2.79	P	IN
QL03158	1,1,1,2,2,3,3,14,14,15,15,16,16,16-Tetradecafluorohexadecane	168169-26-4	FC(F)(F)C(F)(F)C(F)(F)CCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)F	-8.56	28.00	2.96	P	OUT
QL03159	1,1,1,2,2,3,3-Heptafluoro-7-iodoheptane	2967-60-4	FC(F)(F)C(F)(F)C(F)(F)CCCCI	-7.11	34.78	2.17	P	IN
QL03160	1,1,1,2,2,3,3-Heptafluoro-5-iodopentane	68188-12-5	FC(F)(F)C(F)(F)C(F)(F)CCI	-7.16	47.06	1.85	P	IN
QL03161	1,1,1,2,2,3,3-Heptafluoro-4-chlorobutane	374-97-0	FC(F)(F)C(F)(F)C(F)(F)CCI	-6.88	57.14	1.46	P	IN
QL03162	Heptafluorobutyl iodide	374-98-1	FC(F)(F)C(F)(F)C(F)(F)CI	-6.88	57.14	1.46	P	IN
QL03163	1-chloro-1,1,2,2,3,3,3-heptafluoropropane	422-86-6	FC(F)(F)C(F)(F)C(F)(F)Cl	-7.60	72.73	1.32	P	OUT
QL03164	N-Nitrosobis(2,2,3,3,4,4,4-heptafluorobutyl)amine	83329-16-2	FC(F)(F)C(F)(F)C(F)(F)CN(Cc(F)(F)C(F)(F)C(F)(F)N=O	-8.58	48.28	2.40	P	IN
QL03165	Isocyanic acid, 2,2,3,3,4,4,4-heptafluorobutyl ester	377-00-4	FC(F)(F)C(F)(F)C(F)(F)CN=C=O	-7.17	43.75	1.95	P	IN
QL03166	N-(2,2,3,3,4,4,4-Heptafluorobutyl)prop-2-enamide	1422-65-7	FC(F)(F)C(F)(F)C(F)(F)CNC(=O)C=C	-6.85	31.82	2.15	P	IN
QL03167	3-Benzamido-N-(2,2,3,3,4,4,4-heptafluorobutyl)benzamide	917920-92-4	FC(F)(F)C(F)(F)C(F)(F)CNC(=O)C1=CC(NC(=O)C2=CC=CC=C2)=CC=C1	-7.72	16.67	2.93	P	OUT
QL03168	N-(2,2,3,3,4,4,4-Heptafluorobutyl)benzamide	304458-19-3	FC(F)(F)C(F)(F)C(F)(F)CNC(=O)c1ccccc1	-7.06	25.00	2.42	P	OUT
QL03169	2,2,3,3,4,4,4-Heptafluoro-N-(2,2,3,3,4,4,4-heptafluorobutyl)butan-1-amine	356-08-1	FC(F)(F)C(F)(F)C(F)(F)CNCC(F)(F)C(F)(F)C(F)(F)F	-8.51	50.00	2.33	P	IN

QL03170	Tris(1H,1H-heptafluorobutyl)phosphate	563-09-7	FC(F)(F)C(F)(F)C(F)(F)CO[P](=O)(OCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.86	47.73	2.53	P	IN
QL03171	Chlorotris(2,2,3,3,4,4,4-heptafluorobutoxy)silane	757-72-2	FC(F)(F)C(F)(F)C(F)(F)CO[Si](Cl)(OCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.01	50.00	2.53	P	IN
QL03172	tris(Perfluoropropyl)methyl borate	755-53-3	FC(F)(F)C(F)(F)C(F)(F)COB(OCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.88	48.84	2.51	P	IN
QL03173	2,2,3,3,4,4,4-Heptafluorobutyl 2-cyanoprop-2-enoate	130192-28-8	FC(F)(F)C(F)(F)C(F)(F)COC(=O)C(=C)C#N	-7.01	31.82	2.21	P	IN
QL03174	2,2,3,3,4,4,4-Heptafluorobutyl 2-chloroprop-2-enoate	74359-14-1	FC(F)(F)C(F)(F)C(F)(F)COC(=O)C(Cl)=C	-7.24	38.10	2.13	P	IN
QL03175	2,2,3,3,4,4,4-Heptafluorobutyl heptafluorobutanoate	308-45-2	FC(F)(F)C(F)(F)C(F)(F)COC(=O)C(F)(F)C(F)(F)C(F)(F)F	-8.86	53.85	2.36	P	IN
QL03176	1H,1H-Perfluorobutyl acrylate	424-64-6	FC(F)(F)C(F)(F)C(F)(F)COC(=O)C=C	-6.96	33.33	2.15	P	IN
QL03177	Bis(1H,1H-perfluorobutyl)fumarate	24120-17-0	FC(F)(F)C(F)(F)C(F)(F)COC(=O)C=C(=O)OCC(F)(F)C(F)(F)C(F)(F)F	-8.96	38.89	2.82	P	IN
QL03178	2,2,3,3,4,4,4-Heptafluorobutyl 1,2,3-benzothiadiazole-7-carboxylate	1384278-50-5	FC(F)(F)C(F)(F)C(F)(F)COC(=O)c1cccc2nmsc12	-6.95	25.00	2.38	P	OUT
QL03179	2,2,3,3,4,4,4-Heptafluorobutyl but-3-enoate	17165-56-9	FC(F)(F)C(F)(F)C(F)(F)COC(=O)CC=C	-6.87	29.17	2.23	P	IN
QL03180	1-Aziridinepropionic acid, 2,2,3,3,4,4,4-heptafluorobutyl ester	24160-20-1	FC(F)(F)C(F)(F)C(F)(F)COC(=O)CCN1CC1	-7.04	24.14	2.44	P	OUT
QL03181	Bis(2,2,3,3,4,4,4-heptafluorobutyl) carbonate	1026739-75-2	FC(F)(F)C(F)(F)C(F)(F)COC(=O)OCC(F)(F)C(F)(F)C(F)(F)F	-8.89	46.67	2.57	P	IN
QL03182	2,2,3,3,4,4,4-Heptafluorobutyl carbonochloridate	108156-21-4	FC(F)(F)C(F)(F)C(F)(F)COC(Cl)=O	-7.36	47.06	1.93	P	IN
QL03183	4-(Ethenyloxy)-1,1,1,2,2,3,3-heptafluorobutane	356-00-3	FC(F)(F)C(F)(F)C(F)(F)COC=C	-6.71	36.84	1.95	P	IN
QL03184	1-Ethenyl-4-(2,2,3,3,4,4,4-heptafluorobutoxy)benzene	111144-99-1	FC(F)(F)C(F)(F)C(F)(F)COC1=CC=C(C=C)C=C1	-7.30	24.14	2.55	P	OUT
QL03185	2-[(4-(Perfluorobutoxy)pyridin-2-yl)methanesulfinyl]-1H-thieno[3,4-d]imidazole	NOCAS_869668	FC(F)(F)C(F)(F)C(F)(F)COC1=CC=NC(CS(=O)C2=NC3=CSC=C3N2)=C1	-7.85	17.95	2.94	P	OUT
QL03186	4-(2,2,3,3,4,4,4-Heptafluorobutoxy)benzaldehyde	943767-44-0	FC(F)(F)C(F)(F)C(F)(F)COC1ccc(C=O)cc1	-7.42	25.93	2.55	P	OUT
QL03187	4-(2,2,3,3,4,4,4-Heptafluorobutoxy)benzonitrile	96308-32-6	FC(F)(F)C(F)(F)C(F)(F)COC1ccc(c#N)cc1	-7.49	26.92	2.55	P	OUT
QL03188	1,1,1,2,2,3,3-Heptafluoro-4-(2,2,3,3,4,4,4-heptafluorobutoxy)butane	647-91-6	FC(F)(F)C(F)(F)C(F)(F)COC(F)(F)C(F)(F)C(F)(F)F	-8.63	51.85	2.33	P	IN
QL03189	Allyl 1H,1H-heptafluorobutyl ether	648-42-0	FC(F)(F)C(F)(F)C(F)(F)COC=C	-6.91	31.82	2.17	P	IN
QL03190	NSC221106	59727-25-2	FC(F)(F)C(F)(F)C(F)(F)COC(C)=CNC(=O)NC1=O	-7.19	25.00	2.47	P	OUT
QL03191	2-[(2,2,3,3,4,4,4-Heptafluorobutoxy)methyl]oxirane	648-43-1	FC(F)(F)C(F)(F)C(F)(F)COC1CO1	-6.76	30.43	2.15	P	IN
QL03192	4-[(2,2,3,3,4,4,4-Heptafluorobutoxy)methyl]-1,3-dioxolan-2-one	181044-06-4	FC(F)(F)C(F)(F)C(F)(F)COC1COC(=O)O1	-7.12	26.92	2.39	P	OUT
QL03193	4-(2-Chloroethoxy)-1,1,1,2,2,3,3-heptafluorobutane	679-53-8	FC(F)(F)C(F)(F)C(F)(F)COC(Cl)C	-7.34	38.10	2.17	P	IN
QL03194	2,2,3,3,4,4,4-Heptafluorobutyl diphenylphosphinate	55776-72-2	FC(F)(F)C(F)(F)C(F)(F)COP(=O)(c1ccccc1)c1ccccc1	-6.46	18.42	2.36	P	OUT
QL03195	Bis(2,2,3,3,4,4,4-heptafluorobutyl) phenylphosphonate	31430-72-5	FC(F)(F)C(F)(F)C(F)(F)COP(=O)(OCC(F)(F)C(F)(F)C(F)(F)F)c1ccccc1	-8.27	34.15	2.67	P	IN
QL03196	bis(Perfluoropropyl)methyl phosphorochloridoate	6780-81-0	FC(F)(F)C(F)(F)C(F)(F)COP(Cl)(=O)OCC(F)(F)C(F)(F)C(F)(F)F	-9.03	48.39	2.59	P	IN
QL03197	1,3,5,2,4,6-Triazaatriphosphorine, 2,2,4,4,6,6-hexakis(2,2,3,3,4,4,4-heptafluorobutoxy)-2,2,4,4,6,6-hexahydro-	470-73-5	FC(F)(F)C(F)(F)C(F)(F)COP1(OCC(F)(F)C(F)(F)C(F)(F)F)=NP(OCC(F)(F)C(F)(F)C(F)(F)F)(OCC(F)(F)C(F)(F)C(F)(F)F)=NP(OCC(F)(F)C(F)(F)C(F)(F)F)(OCC(F)(F)C(F)(F)C(F)(F)F)=N1	-8.89	46.67	2.57	P	IN
QL03198	1H,1H-Perfluorobutyl perfluorobutanesulfonate	883499-32-9	FC(F)(F)C(F)(F)C(F)(F)COS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-9.16	53.33	2.50	P	IN
QL03199	1H,1H-Heptafluorobutyl triflate	6401-01-0	FC(F)(F)C(F)(F)C(F)(F)COS(=O)(=O)C(F)(F)F	-7.77	47.62	2.09	P	IN
QL03200	[[[2,2,3,3,4,4,4-Heptafluorobutyl)sulfonyl)methyl]benzene	200337-06-0	FC(F)(F)C(F)(F)C(F)(F)CSCc1ccccc1	-6.99	25.00	2.39	P	OUT
QL03201	Perflutren	76-19-7	FC(F)(F)C(F)(F)C(F)(F)F	-7.60	72.73	1.32	P	OUT
QL03202	Heptafluoropropyl iodide	754-34-7	FC(F)(F)C(F)(F)C(F)(F)I	-7.60	72.73	1.32	P	OUT
QL03203	Perfluoro-N,N,N',N'-tetraakis(heptafluoropropyl)-1,6-hexanediamine	143356-32-5	FC(F)(F)C(F)(F)C(F)(F)N(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)N(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.81	66.67	2.81	P	OUT
QL03204	Perfluamine	338-83-0	FC(F)(F)C(F)(F)C(F)(F)N(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.01	67.74	2.04	P	IN
QL03205	1,1,1,2,4,5,5-Octafluoro-2-(heptafluoropropoxy)-4-(trifluoromethyl)pentan-3-one	851535-00-7	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O(C(F)(Cl)(F)F)C(F)(F)C(F)(F)F	-8.93	62.07	2.17	P	IN
QL03206	1,5-Dideoxy-1,1,1,5,5,5-hexafluoro-2,4-di-C-fluoro-2,4-bis-O-(heptafluoropropyl)pent-3-ulose	67118-49-4	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O(C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.04	61.11	2.65	P	IN
QL03207	1,1,1,2,6,7,7-Octafluoro-2,6-bis(heptafluoropropoxy)heptane-3,5-dione	87405-74-1	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O(CCl(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.96	53.66	2.82	P	IN
QL03208	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)-1-(piperidin-1-yl)propan-1-one	176702-72-0	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O)N1CCCCC1)C(F)(F)F	-7.57	31.43	2.45	P	IN
QL03209	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)-1-(morpholin-4-yl)propan-1-one	176702-73-1	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O)N1CCOCC1)C(F)(F)F	-7.70	33.33	2.45	P	IN
QL03210	N-Benzyl-2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanamide	82970-41-0	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O)NCc1ccccc1)C(F)(F)F	-8.16	31.43	2.70	P	IN
QL03211	Cyclohexyl 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	78755-41-6	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O)OC1CCCCC1)C(F)(F)F	-7.64	29.73	2.53	P	OUT
QL03212	Phenyl 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	78755-31-4	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O)Oc1ccccc1)C(F)(F)F	-8.02	35.48	2.53	P	IN
QL03213	Prop-2-en-1-yl 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	84123-65-9	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O)OCC=C)C(F)(F)F	-8.11	39.29	2.46	P	IN
QL03214	Benzyl 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	147224-19-9	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O)OCC1CCCCC1)C(F)(F)F	-8.22	32.35	2.70	P	IN
QL03215	bis(2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-1-oxopropyl)peroxide	56347-79-6	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)=O)OOC(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.17	55.00	2.87	P	OUT
QL03216	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoyl chloride	72848-57-8	FC(F)(F)C(F)(F)C(F)(F)OC(F)(Cl)Cl(=O)C(F)(F)F	-8.02	60.00	1.85	P	IN

QL03251	1,1,1,2,2,5,5,6,6,7,7,8,8,9,9-Hexadecafluoronon-3-ene	935477-04-6	FC(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.41	59.26	2.44	P	IN
QL03252	1,1,1,2,2,5,5,6,6,7,7,8,8,8-Tetradecafluorooct-3-ene	84808-65-1	FC(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.84	58.33	2.23	P	IN
QL03253	1,1,1,2,2,5,5,6,6,7,7,7-Dodecafluorohept-3-ene	887111-61-7	FC(F)(F)C(F)(F)C=CC(F)(F)C(F)(F)C(F)(F)F	-8.41	57.14	2.09	P	IN
QL03254	Perfluoro-5-(pentafluoroethyl)oxolane	NOCAS_870516	FC(F)(F)C(F)(F)C1(F)OC(F)(F)C(F)(F)C1(F)F	-8.01	63.16	1.76	P	IN
QL03255	2-(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)-2-(pentafluoroethyl)-3,3-bis(trifluoromethyl)oxirane	103697-21-8	FC(F)(F)C(F)(F)C1(OC1(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.64	64.29	1.57	P	IN
QL03256	2,4,6-Tris(pentafluoroethyl)-1,3,5-triazine	858-46-8	FC(F)(F)C(F)(F)C1=NC(=NC(=N1)C(F)(F)C(F)(F)C(F)(F)F	-7.83	55.56	1.89	P	IN
QL03257	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,11,11,12,12,12-Docosafluoro-9-iodododecane	641617-25-6	FC(F)(F)C(F)(F)CC(I)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.22	60.53	2.74	P	OUT
QL03258	1,1,1,2,2,3,3,4,4,7,7,8,8,8-Tetradecafluoro-5-iodooctane	935553-89-2	FC(F)(F)C(F)(F)CC(I)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.80	57.69	2.24	P	IN
QL03259	Bis(3-(perfluoroethyl)-1-(9-bromononyl)propyl)thioether	148757-89-5	FC(F)(F)C(F)(F)CCC(CCCCCCCCCBr)SC(CCCCCCCCCBr)CCC(F)(F)C(F)(F)F	-8.46	13.79	3.31	P	OUT
QL03260	1,1,1,2,2,3,3,4,4,7,7,8,8,8-Tetradecafluorooctane	343627-66-7	FC(F)(F)C(F)(F)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.54	53.85	2.23	P	IN
QL03261	22 Fluorotelomer iodide	40723-80-6	FC(F)(F)C(F)(F)CCI	-6.07	42.86	1.52	P	IN
QL03262	Thiols, C4-10, .gamma.-.omega.-perfluoro-(Perfluoroalkyl (C2-C8)ethyl mercaptan)	68140-18-1	FC(F)(F)C(F)(F)CCS	-5.43	33.33	1.52	P	IN
QL03263	(Perfluoroethyl)methyl iodide	354-69-8	FC(F)(F)C(F)(F)CI	-6.55	54.55	1.39	P	IN
QL03264	1H,1H-Perfluoropropyl acrylate	356-86-5	FC(F)(F)C(F)(F)COC(=O)C=C	-5.94	27.78	1.88	P	OUT
QL03265	2,2,3,3,3-Pentafluoropropyl nonafluorobutane-1-sulfonate	893556-35-9	FC(F)(F)C(F)(F)COS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-8.92	51.85	2.44	P	IN
QL03266	Perfluoroethane	76-16-4	FC(F)(F)C(F)(F)F	-6.51	75.00	0.81	P	OUT
QL03267	Pentafluoriodoethane	354-64-3	FC(F)(F)C(F)(F)I	-6.51	75.00	0.81	P	OUT
QL03268	Perfluorotriethylamine	359-70-6	FC(F)(F)C(F)(F)N(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.09	68.18	1.65	P	OUT
QL03269	Morpholine, 2,2,3,3,5,5,6,6-octafluoro-4-(pentafluoroethyl)-	55716-11-5	FC(F)(F)C(F)(F)N1C(F)(F)C(F)(F)OC(F)(F)C1(F)F	-7.70	61.90	1.66	P	IN
QL03270	1,1,1,2,2,3,3,4,4,5,5,5-Decafluoro-4-(pentafluoroethoxy)pentane	92978-07-9	FC(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.18	66.67	2.14	P	IN
QL03271	Hexane, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-(pentafluoroethoxy)-	133080-89-4	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.90	66.67	2.44	P	IN
QL03272	POLYFLGSID_880513	60164-51-4	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)F FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)F FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F [!p:0:3,2:3,3:3,5:3,6:3,7:2,9:3,10:3,12:3,13:3,15:3,16:3,17:2,19:3,20:3,22:3,23:3,25:3,26:3,27:3 ,Sg:n:10,9,13,12,16,15,8,11,14,17::ht]	-8.57	66.67	1.89	P	IN
QL03273	alpha-Perfluoropropyl omega-perfluoroethyl poly(perfluoropropylene oxide)	52700-35-3	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.90	64.29	2.50	P	IN
QL03274	Perfluoroethyl ether	358-21-4	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)F	-8.12	66.67	1.71	P	OUT
QL03275	multiple ether-substituted Perfluoroalkyl (linear) sulfonic acids, n=8		FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(O)=O	-10.76	56.82	3.06	P	OUT
QL03276	multiple ether-substituted Perfluoroalkyl (linear) sulfonic acids, n=7		FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(O)=O	-10.39	56.10	2.93	P	OUT
QL03277	multiple ether-substituted Perfluoroalkyl (linear) sulfonic acids, n=6		FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(O)=O	-10.22	55.26	2.88	P	OUT
QL03278	multiple ether-substituted Perfluoroalkyl (linear) sulfonic acids, n=5		FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(O)=O	-9.78	54.29	2.73	P	IN
QL03279	multiple ether-substituted Perfluoroalkyl (linear) sulfonic acids, n=4		FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(O)=O	-9.46	53.13	2.63	P	IN
QL03280	multiple ether-substituted Perfluoroalkyl (linear) sulfonic acids, n=3		FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)S(=O)(O)=O	-9.05	51.72	2.50	P	IN
QL03281	multiple ether-substituted Perfluoroalkyl (linear) sulfonic acids, n=2		FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)S(=O)(O)=O	-8.79	50.00	2.44	P	IN
QL03282	1,1,2,2-Tetrafluoro-2-(pentafluoroethoxy)ethane-1-sulfonyl fluoride	67990-78-7	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)S(F)=O=O	-7.83	55.56	1.89	P	IN
QL03283	2-(2-Bromo-1,1,2,2-tetrafluoroethoxy)-1,1,1,2,3,3-hexafluoro-3-(pentafluoroethoxy)propane	1482416-44-3	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)BrC(F)(F)F	-9.24	64.00	2.24	P	IN
QL03284	1,1,1,2,3,3-Hexafluoro-2,3-bis(pentafluoroethoxy)propane	95842-03-8	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F	-9.24	64.00	2.24	P	IN
QL03285	1,1,2,2-Tetrafluoro-2-([1,1,1,2,3,3,3-hexafluoro-3-(pentafluoroethoxy)propan-2-yl]oxy)ethane-1-sulfonyl fluoride	27744-59-8	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)S(=O)=O)C(F)(F)F	-9.23	57.14	2.43	P	IN
QL03286	1-Bromo-1,1,2,2,4,4,5,5,7,8,8,10,11,11,13,13,14,14,14-octadecafluoro-4,7,10-tris(trifluoromethyl)-3,6,9,12-tetraoxatetradecane	1482416-51-2	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)BrC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.77	62.22	2.92	P	OUT
QL03287	1-Bromo-1,1,2,2,4,4,5,5,7,8,8,10,11,11,13,14,14,16,16,17,17-henicosafuoro-4,7,10,13-tetrakis(trifluoromethyl)-3,6,9,12,15-pentaaxaheptadecane	1482416-52-3	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)BrC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-11.32	61.82	3.16	P	OUT
QL03288	1,2-Dichloro(perfluoro-1-(ethoxymethoxy)ethane)	369371-42-6	FC(F)(F)C(F)(F)OC(F)(F)OC(F)(F)C(F)(F)C(F)(F)Cl	-8.82	63.16	2.09	P	IN
QL03289	2,2,3,5,6-Pentafluoro-5-(pentafluoroethoxy)-3,6-bis(trifluoromethyl)-1,4-dioxane	84041-66-7	FC(F)(F)C(F)(F)OC1(F)OC(F)(C(F)(F)C(F)(F)C(F)(F)OC1(F)C(F)(F)F	-8.54	59.26	2.08	P	IN
QL03290	Pentafluoroethane-1-sulfonyl chloride	64773-40-6	FC(F)(F)C(F)(F)S(Cl)=O=O	-6.38	54.55	1.32	P	IN
QL03291	Heptafluoro-2-iodopropane	677-69-0	FC(F)(F)C(F)(F)C(F)(F)F	-7.60	72.73	1.32	P	OUT
QL03292	1,1,1,2,3,3,3-Heptafluoro-2-(1,1,2,3,3,3-hexafluoro-2-iodopropoxy)propane	16005-45-1	FC(F)(F)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F	-8.40	66.67	1.82	P	IN

QL03293	Morpholine, 2,2,3,3,5,5,6,6-octafluoro-4-[1,1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-	1600-71-1	FC(F)(F)C(F)(N1C(F)(F)C(F)(F)OC(F)(F)C1(F)C(F)(F)F	-7.62	62.50	1.61	P	IN
QL03294	Heptafluoroisopropyl acrylate	13057-08-4	FC(F)(F)C(F)(OC(=O)C=C)C(F)(F)F	-6.21	38.89	1.69	P	IN
QL03295	1,1,1,2,3,3,3-Heptafluoropropan-2-yl benzoate	57024-21-2	FC(F)(F)C(F)(OC(=O)c1ccccc1)C(F)(F)F	-6.56	29.17	2.10	P	IN
QL03296	2-(1,2-Dichloro-1,2,2-trifluoroethoxy)-1,1,1,2,3,3,3-heptafluoropropane	85720-81-6	FC(F)(F)C(F)(OC(F)(Cl)C(F)(F)Cl)C(F)(F)F	-7.90	66.67	1.61	P	OUT
QL03297	2-(2-Chloro-1,1,2-trifluoro-2-iodoethoxy)-1,1,1,2,3,3,3-heptafluoropropane	16031-04-2	FC(F)(F)C(F)(OC(F)(F)C(F)(Cl)C(F)(F)F	-7.90	66.67	1.61	P	OUT
QL03298	2-(2-Bromo-1,1,2,2-tetrafluoroethoxy)-1,1,1,2,3,3,3-heptafluoropropane	16005-49-5	FC(F)(F)C(F)(OC(F)(F)C(F)(F)Br)C(F)(F)F	-7.90	66.67	1.61	P	OUT
QL03299	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Hexadecafluoro-1-[(1,1,1,2,3,3,3-heptafluoropropan-2-yl)oxy]-8-iodooctane	25080-19-7	FC(F)(F)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.39	66.67	2.64	P	OUT
QL03300	1,1,2,2,3,3,4,4,5,5,6,6-Dodecafluoro-1-[(1,1,1,2,3,3,3-heptafluoropropan-2-yl)oxy]-8-iodooctane	25080-25-5	FC(F)(F)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(C)C(F)(F)F	-9.71	55.56	2.67	P	IN
QL03301	1-Iodo-6-(heptafluoroisopropoxy)perfluorohexane	25080-18-6	FC(F)(F)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F))C(F)(F)F	-9.78	66.67	2.39	P	IN
QL03302	1,1,2,2,3,3,4,4-Octafluoro-1-[(1,1,1,2,3,3,3-heptafluoropropan-2-yl)oxy]-6-iodohexane	25080-24-4	FC(F)(F)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(C)C(F)(F)F	-8.97	53.33	2.43	P	IN
QL03303	1,1,2,2,3,3,4,4-Octafluoro-1-[(1,1,1,2,3,3,3-heptafluoropropan-2-yl)oxy]-4-iodobutane	25080-17-5	FC(F)(F)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F))C(F)(F)F	-9.04	66.67	2.08	P	IN
QL03304	1,1,2,2,3,3,4,4-Octafluoro-1,4-bis[(1,1,1,2,3,3,3-heptafluoropropan-2-yl)oxy]butane	23228-90-2	FC(F)(F)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.52	64.71	2.34	P	IN
QL03305	1-[2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)-1-(piperidin-1-yl)propyl]-1H-benzotriazole	133384-08-4	FC(F)(F)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)CN1CCCCC1n1nnC2cccc12	-7.02	22.92	2.47	P	OUT
QL03306	1,1,1,2,3,3,3-Heptafluoro-2-(1,1,2,2-tetrafluoro-2-iodoethoxy)propane	16005-38-2	FC(F)(F)C(F)(OC(F)(F)C(F)(F))C(F)(F)F	-7.90	66.67	1.61	P	OUT
QL03307	Bis(perfluoro(1-{[3,6-dimethyl-1,4-dioxan-2-yl]oxy}ethyl)) ketone	61097-96-9	FC(F)(F)C(F)(OC1(F)OC(F)(C(F)(F)C(F)(F)C(=O)C(F)(OC1(F)OC(F)(C(F)(F)C(F)(F)C(F)F)OC1(F)OC1(F)C(F)(F)C(F)(F)F	-10.01	55.56	2.79	P	IN
QL03308	Perfluoro-2,3-bis(2,5-dimethyl-1,4-dioxan-3-oxy)butane	61097-98-1	FC(F)(F)C(F)(OC(F)(F)C(F)(F)F	-9.88	57.69	2.68	P	IN
QL03309	2-[(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)oxy]-N-phenylacetamide	62656-67-1	FC(F)(F)C(F)(OCC(=O)NC1=CC=CC=C1)C(F)(F)F	-6.84	24.14	2.36	P	OUT
QL03310	Allyl perfluoroisopropyl ether	15242-17-8	FC(F)(F)C(F)(OCC=C)C(F)(F)F	-6.08	36.84	1.69	P	IN
QL03311	Trichloro[3-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]propyl]silane	15538-93-9	FC(F)(F)C(F)(OCCC[Si](Cl)(Cl)Cl)C(F)(F)F	-6.96	41.67	1.92	P	IN
QL03312	Dichloromethyl[3-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]propyl]silane	20006-68-2	FC(F)(F)C(F)(OCCC[SiH2](Cl)Cl)C(F)(F)F	-6.74	33.33	2.06	P	IN
QL03313	1-Bromo-4-[(1,1,1,2,3,3,3-heptafluoropropan-2-yl)oxy]butane	37027-49-9	FC(F)(F)C(F)(OCCCCBr)C(F)(F)F	-6.65	33.33	2.02	P	IN
QL03314	1,1,1,2,3,3,5,5,7,7,7-UnDecafluoro-6-iodo-2,4-bis(trifluoromethyl)heptane	922524-01-4	FC(F)(F)C(Cl)C(F)(F)C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.61	62.07	2.04	P	IN
QL03315	1,1,1,2,3,3,5,5,5-Nonafluoro-4-iodo-2-(trifluoromethyl)pentane	922524-00-3	FC(F)(F)C(Cl)C(F)(F)C(F)(C(F)(F)F)C(F)(F)F	-8.03	65.00	1.71	P	IN
QL03316	1,1,1,2,3,3,4,4,5,5,6,6,7,7,9,9,9-Octadecafluoro-8-iodononane	922524-04-7	FC(F)(F)C(Cl)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.84	65.52	2.45	P	IN
QL03317	1,1,1,2,7,7,7-Heptafluoro-6-iodo-2,4-bis(trifluoromethyl)heptane	922523-99-7	FC(F)(F)C(Cl)CC(C(F)(C(F)(F)C(F)(F)C(F)(F)F	-7.76	48.28	2.07	P	IN
QL03318	1,1,1,2,5,5,5-Heptafluoro-4-iodo-2-(trifluoromethyl)pentane	922523-98-6	FC(F)(F)C(Cl)CC(F)(C(F)(F)C(F)(F)F	-7.10	55.00	1.61	P	IN
QL03319	1,1,1,2,2,3,3,4,4,5,5,6,6,9,9,9-Hexadecafluoro-8-iodononane	922524-02-5	FC(F)(F)C(Cl)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.38	58.62	2.45	P	IN
QL03320	1,1,1,2,2,3,3,4,4,7,7,7-Dodecafluoro-6-iodoheptane	935553-88-1	FC(F)(F)C(Cl)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.56	56.52	2.17	P	IN
QL03321	1,1,1,3,3,3-Hexafluoropropan-2-yl heptafluorobutanoate	922168-41-0	FC(F)(F)C(OC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.29	56.52	2.06	P	IN
QL03322	Hexafluoroisopropyl acrylate	2160-89-6	FC(F)(F)C(OC(=O)C=C)C(F)(F)F	-5.84	33.33	1.69	P	IN
QL03323	1,1,1,3,3,3-Hexafluoropropan-2-yl nonafluorobutane-1-sulfonate	118334-96-6	FC(F)(F)C(OS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.52	55.56	2.18	P	IN
QL03324	H-substituted perfluoroalkyl (linear) sulfonic acids_ii, n=0		FC(F)(F)C(S(=O)(O)=O)(F)[H]	-4.88	33.33	1.30	P	IN
QL03325	1,1,1,4,4,5,5,6,6,7,7,8,8,9,9-Hexadecafluoronon-2-ene	935477-01-3	FC(F)(F)C=C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.41	59.26	2.44	P	IN
QL03326	1,1,1,4,4,5,5,6,6,7,7,8,8,8-Tetradecafluorooct-2-ene	935476-95-2	FC(F)(F)C=C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.84	58.33	2.23	P	IN
QL03327	1,1,1,4,4,5,5,6,6,7,7,7-Dodecafluorohept-2-ene	887111-62-8	FC(F)(F)C=C(C(F)(F)C(F)(F)C(F)(F)F	-8.61	57.14	2.17	P	IN
QL03328	(2E)-1,1,1,4,4,5,5,6,6-Decafluorohex-2-ene	83227-62-7	FC(F)(F)C=C(C(F)(F)C(F)(F)F	-7.86	55.56	1.91	P	IN
QL03329	Cyclohexane, decafluorobis(trifluoromethyl)-(6C1,7C1,8C1,9C1)	26637-68-3	FC(F)(F)C1C(F)(F)C(F)C(F)(F)C(F)(F)C1(F)F	-7.66	66.67	1.52	P	OUT
QL03330	Perfluorodimethylcyclobutane	28677-00-1	FC(F)(F)C1C(F)(F)C(F)C(F)(F)C1(F)F	-7.58	66.67	1.48	P	OUT
QL03331	Perfluoro-1,3,5-trimethylcyclohexane	374-76-5	FC(F)(F)C1C(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-7.26	66.67	1.35	P	OUT
QL03332	Cyclobutane, 1,1,2,3,4-hexafluoro-2,4-bis(trifluoromethyl)-	13221-71-1	FC(F)(F)C1C(F)C(F)C(F)(F)C1(F)F	-8.57	66.67	1.89	P	IN
QL03333	1,1,2,2,3,4,4,5,5,6-Decafluoro-3,6-bis(trifluoromethyl)cyclohexane	374-77-6	FC(F)(F)C1C(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-8.57	66.67	1.89	P	IN
QL03334	Perfluoro-1,3-dimethylcyclohexane	335-27-3	FC(F)(F)C1C(F)C(F)C(F)(F)C(F)(F)C1(F)F	-7.58	66.67	1.48	P	OUT
QL03335	Perfluoro-5,5'-bis(trifluoromethyl)-1,1'-bicyclohexyl	105462-77-9	FC(F)(F)C1C(F)(F)C(F)C(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-9.08	65.00	2.15	P	IN

[illegible]

QL03425	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03426	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03427	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03428	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03429	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03430	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03431	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03432	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03433	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03434	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03435	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03436	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03437	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03438	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03439	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03440	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0	125370-60-7	335-65-9	307-99-3	NOCAS_871634	2993-85-3	1737-33-3	355-37-3	336-07-2	375-61-1	2648-47-7	423-31-4	376-84-1	16059-16-8
QL03441	Perfluoro(2-bromoethoxy)ethene 2,2,3,3,4,4,5,5,6,6-Decafluoro-6- [(trifluoroethenyl)oxy]hexanenitrile	85733-06-0	120903-40-4	609818-38-4	80962-91-0	40573-09-9	13846-22-5	84145-18-6	6037-91-8	1998-53-4	29514-94-1	1644-11-7	69804-19-9	16090-14-5	2599-84-0	64080-43-9	346662-93-9	369371-47-1	700874-87-9	13845-92-6	61097-79-8	17256-52-9	1840-17-1	690-27-7	424-32-8	93894-55-4	375-63-3	691358-66-4	1427-89-0	66577-33-1	423-66-5	66563-68-6	375-97-3	375-94-0													

[illegible]

QL03603	2-Fluoro-4,6-bis(1,1,2,3,3,3-heptafluoropropan-2-yl)-1,3,5-triazine	10271-36-0	Fc1nc(nc(n1)C(F)(F)(F)C(F)(F)
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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

QL03887	2,3,4,4,5,5,6,6-Nonafluoro-2,3-bis(trifluoromethyl)hexanoic acid	1812247-18-9	OC(=O)C(F)(C(F)(F)F)C(F)(C(F)(F)F)C(F)(C(F)(F)F)F	-7.85	57.69	1.84	P	IN
QL03888	2,3,3,5,5,5-Hexafluoro-2,4,4-tris(trifluoromethyl)pentanoic acid	1882109-73-0	OC(=O)C(F)(C(F)(F)F)C(F)C(F)(F)F(C(F)(F)C(F)(F)F)	-7.19	57.69	1.57	P	IN
QL03889	2,3,3,4,4,5,5,6,6,6-Nonafluoro-2,4-bis(trifluoromethyl)hexanoic acid	1812247-19-0	OC(=O)C(F)(C(F)(F)F)C(F)C(F)(F)C(F)(F)C(F)(F)F	-7.85	57.69	1.84	P	IN
QL03890	2,3,3,4,4,5,5,6,6,6-Nonafluoro-2,5-bis(trifluoromethyl)hexanoic acid	1882109-80-9	OC(=O)C(F)(C(F)(F)F)C(F)C(F)(F)C(F)(C(F)(F)C(F)(F)F)	-7.75	57.69	1.80	P	IN
QL03891	2,3,3,4,4,5,5,6,6,7,7,7-Dodecafluoro-2-(trifluoromethyl)heptanoic acid	207678-51-1	OC(=O)C(F)(C(F)(F)F)C(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.53	57.69	2.12	P	IN
QL03892	Perfluoroisobutyric acid	335-10-4	OC(=O)C(F)(C(F)(F)F)F	-5.87	50.00	1.24	P	IN
QL03893	Nonanoic acid, 2,4,6,8,9-pentachloro-2,3,3,4,5,5,6,7,7,8,9,9-dodecafluoro-2,2,4,4,5,5,5-Heptafluoro-3-(pentafluoroethyl)-3-(trifluoromethyl)pentanoic acid	754-87-0	OC(=O)C(F)(Cl)C(F)C(F)C(F)(Cl)C(F)C(F)(Cl)C(F)C(F)(Cl)C(F)F(Cl)	-9.38	58.62	2.45	P	IN
QL03894	2,2,4,5,5,5-Hexafluoro-3,3,4-tris(trifluoromethyl)pentanoic acid	1882109-67-2	OC(=O)C(F)(F)C(C(F)(F)F)(C(F)(F)C(F)(F)F)C(F)(F)F	-7.37	57.69	1.64	P	IN
QL03895	2,2,4,4,5,5,6,6,6-Nonafluoro-3,3,3-tris(trifluoromethyl)pentanoic acid	1882109-74-1	OC(=O)C(F)(F)C(C(F)(F)F)(C(F)(F)F)C(F)(F)C(F)(F)F	-7.37	57.69	1.64	P	IN
QL03896	2,2,3,4,4,5,5,6,6,6-Nonafluoro-3,3-bis(trifluoromethyl)hexanoic acid	1812247-20-3	OC(=O)C(F)(F)C(C(F)(F)F)C(F)(F)C(F)(F)C(F)(F)F	-7.65	57.69	1.76	P	IN
QL03897	2,2,3,4,4,5,5,5-Octafluoro-3-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)pentanoic acid	1882109-68-3	OC(=O)C(F)(F)C(C(F)(C(F)(F)F)C(F)(F)C(F)(F)C(F)(F)F)	-7.41	57.69	1.66	P	IN
QL03898	2,2,3,4,4,5,5,6,6,6-Decafluoro-3-(pentafluoroethyl)hexanoic acid	1882109-78-5	OC(=O)C(F)(F)C(C(F)(C(F)(F)F)C(F)(F)C(F)(F)C(F)(F)F)	-7.85	57.69	1.84	P	IN
QL03899	2,2,3,5,5,5-Hexafluoro-3,4,4-tris(trifluoromethyl)pentanoic acid	1882109-75-2	OC(=O)C(F)(F)C(C(F)(F)F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.41	57.69	1.66	P	IN
QL03900	2,2,3,4,5,5,6,6,6-Nonafluoro-3,4-bis(trifluoromethyl)hexanoic acid	1882109-81-0	OC(=O)C(F)(F)C(C(F)(C(F)(F)F)C(F)(F)C(F)(F)F)C(F)(F)F	-7.65	57.69	1.76	P	IN
QL03901	Perfluoro-3,5,5-trimethylhexanoic acid	238403-51-5	OC(=O)C(F)(F)C(F)(C(F)(F)F)C(F)C(C(F)(F)F)(C(F)(F)F)C(F)(F)F	-7.82	58.62	1.80	P	IN
QL03902	2,2,3,4,4,5,6,6,6-Nonafluoro-3,5-bis(trifluoromethyl)hexanoic acid	1144512-35-5	OC(=O)C(F)(F)C(C(F)(F)F)C(F)(F)C(F)(F)C(F)(F)F	-7.85	57.69	1.84	P	IN
QL03903	Perfluoro-3,7-dimethyloctanoic acid	172155-07-6	OC(=O)C(F)(F)C(C(F)(F)F)C(F)(F)C(F)(F)C(F)(C(F)(F)C(F)(F)F)	-8.82	59.38	2.19	P	IN
QL03904	2,2,3,4,4,5,5,6,6,7,7,7-Dodecafluoro-3-(trifluoromethyl)heptanoic acid	705240-04-6	OC(=O)C(F)(F)C(C(F)(F)F)C(F)(F)C(F)(F)C(F)(F)F	-8.47	57.69	2.10	P	IN
QL03905	3,5,7,9,11,11-Hexachloro-2,2,3,4,4,5,6,6,7,8,8,9,10,10,11-pentadecafluoroundecanoic acid	53281-37-1	OC(=O)C(F)(F)C(C(F)(Cl)C(F)(F)C(F)(Cl)C(F)C(F)(Cl)C(F)(F)C(F)(Cl)C(F)(F)C(F)(Cl)Cl)	-10.05	60.00	2.69	P	IN
QL03906	3,5,7,9-Pentachloro-2,2,3,4,4,5,6,6,7,8,8,9-dodecafluorononanoic acid	53281-25-7	OC(=O)C(F)(F)C(C(F)(Cl)C(F)(F)C(F)(Cl)C(F)C(F)(Cl)C(F)(F)C(F)(Cl)Cl)	-9.38	58.62	2.45	P	IN
QL03907	3,5,7,8-Tetrachloroperfluorooctanoic acid	2923-68-4	OC(=O)C(F)(F)C(C(F)(Cl)C(F)(F)C(F)(Cl)C(F)(F)C(F)(Cl)C(F)(F)Cl)	-8.81	57.69	2.24	P	IN
QL03908	3,5,7,7-Tetrachloro-2,2,3,4,4,5,6,6,7-nonafluoroheptanoic acid	16069-78-6	OC(=O)C(F)(F)C(C(F)(Cl)C(F)(F)C(F)(Cl)C(F)(F)C(F)(Cl)Cl)	-8.54	56.52	2.16	P	IN
QL03909	3,5,6-Trichloroperfluorohexanoic acid	2106-54-9	OC(=O)C(F)(F)C(C(F)(Cl)C(F)(F)C(F)(Cl)C(F)(F)Cl)	-7.81	55.00	1.90	P	IN
QL03910	2,2,3,3,5,5,5,6,6,6-Nonafluoro-4,4-bis(trifluoromethyl)hexanoic acid	1192593-79-5	OC(=O)C(F)(F)C(F)C(F)C(C(F)(F)F)C(F)(F)C(F)(F)C(F)(F)F	-7.65	57.69	1.76	P	IN
QL03911	2,2,3,3,4,5,5,6,6,6-Decafluoro-4-(pentafluoroethyl)hexanoic acid	1882109-79-6	OC(=O)C(F)(F)C(C(F)(F)C(F)(F)C(F)(F)F)C(F)(F)F	-7.85	57.69	1.84	P	IN
QL03912	2,2,3,3,4,5,6,6,6-Nonafluoro-4,5-bis(trifluoromethyl)hexanoic acid	1144512-36-6	OC(=O)C(F)(F)C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-7.85	57.69	1.84	P	IN
QL03913	2,2,3,3,4,5,5,6,6,7,7,7-Dodecafluoro-4-(trifluoromethyl)heptanoic acid	1144512-18-4	OC(=O)C(F)(F)C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-8.47	57.69	2.10	P	IN
QL03914	2,2,3,3,4,4,6,6,6-Nonafluoro-5,5-bis(trifluoromethyl)hexanoic acid	1144512-34-4	OC(=O)C(F)(F)C(C(F)(F)C(F)C(F)(F)C(F)(F)C(F)(F)F)	-7.75	57.69	1.80	P	IN
QL03915	2,2,3,3,4,4,5,6,6,7,7,7-Dodecafluoro-5-(trifluoromethyl)heptanoic acid	909009-42-3	OC(=O)C(F)(F)C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-8.47	57.69	2.10	P	IN
QL03916	Perfluoro-6-(trifluoromethyl)heptanoic acid	15166-06-0	OC(=O)C(F)(F)C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-8.53	57.69	2.12	P	IN
QL03917	TP_8230		C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-11.92	62.71	3.38	P	OUT
QL03918	Perfluorododecanoic acid (PFdODA)	307-55-1	OC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.23	60.53	2.75	P	OUT
QL03919	Perfluoro-1,10-decanedicarboxylic acid	865-85-0	OC(=O)C(F)(F)C					

QL03936	Perfluoro(3,3'-(piperazine-1,4-diyl)diopropanoic acid)	948014-40-2	OC(=O)C(F)(F)C(F)(F)N1C(F)(F)C(F)(F)N(C(F)(F)C(F)(F)O)=O)C(F)(F)C1(F)F	-8.56	47.06	2.43	P	IN
QL03937	Perfluoro-3-[(1-(etheniloxy)propan-2-yloxy]propanoic acid	69087-46-3	OC(=O)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)=C)F	-8.77	50.00	2.43	P	IN
QL03938	Perfluoro-3-ethoxypropanoic acid	377-76-4	OC(=O)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)F	-7.48	50.00	1.90	P	IN
QL03939	Perfluoro-3-methoxypropanoic acid	377-73-1	OC(=O)C(F)(F)C(F)(F)OC(F)(F)F	-7.09	46.67	1.84	P	IN
QL03940	Flupropanate	756-09-2	OC(=O)C(F)(F)C(F)F	-5.32	36.36	1.39	P	IN
QL03941	2,2-Difluoro-3-(nonafluorobutoxy)propanoic acid [(1-Chloro-1,1,2,3,3,3-hexafluoropropan-2-yloxy](difluoro)acetic acid	824393-39-7	OC(=O)C(F)(F)COC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.03	45.83	2.24	P	IN
QL03942	Perfluoro-3,6-dioxadecanoic acid	903523-21-7	OC(=O)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)Cl	-6.86	50.00	1.65	P	IN
QL03943	Perfluoro-3,6-dioxaoctanoic acid	137780-69-9	O=C(O)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F	-9.19	53.57	2.51	P	IN
QL03944	Perfluoro-3,6-dioxaetanoic acid	80153-82-8	OC(=O)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)F	-8.13	50.00	2.17	P	IN
QL03945	Perfluoro-3,6,9-trioxatridecanoic acid	330562-41-9	OC(=O)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F	-10.17	54.29	2.89	P	OUT
QL03946	Perfluoro-3,6,9-trioxaundecane-1,11-dioic acid	55621-18-6	OC(=O)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(O)=O	-8.56	41.38	2.59	P	IN
QL03947	Perfluoro-3,6,9-trioxadecanoic acid	151772-59-7	OC(=O)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)F	-8.98	50.00	2.52	P	IN
QL03948	Perfluoro-3,6-dioxaotane-1,8-dioic acid	55621-21-1	OC(=O)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)O=O	-7.21	36.36	2.17	P	IN
QL03949	Perfluoro-3,6-dioxaheptanoic acid	151772-58-6	OC(=O)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)F	-8.00	47.37	2.19	P	IN
QL03950	3-Azido-2,3,3-trifluoro-2-(heptafluoropropoxy)propanoic acid	95906-13-1	OC(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)N=[N+]=[N-])N=[N-]	-7.73	43.48	2.19	P	IN
QL03951	Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid	13252-14-7	OC(=O)C(F)(OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.02	54.84	2.40	P	IN
QL03952	Perfluoro-[2,5,8-trimethyl-3,6,9-trioxadodecanoic]acid 2,4,4,5,7,7,8,10,10,11,13,13,14,14,15,15,15-Heptadecafluoro-2,5,8,11-tetrakis(trifluoromethyl)-3,6,9,12-tetraoxapentadecan-1-oic acid	65294-16-8	OC(=O)C(F)(OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.74	56.10	2.67	P	IN
QL03953	Perfluoro(2,5,8,11,14-pentamethyl-3,6,9,12,15-pentaoxaooctadecanoic) acid	65150-95-0	OC(=O)C(F)(OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.62		3.01	P	OUT
QL03954	3-(Perfluoroisopropyl)-(2E)-difluoropropenoic acid	52481-85-3	OC(=O)C(F)=C(/F)C(F)(C(F)(F)C(F)(F)F	-11.10	57.38	3.19	P	OUT
QL03955		103229-89-6	OC(=O)C(F)=C(/F)C(F)(C(F)(F)C(F)(F)F	-7.02	50.00	1.71	P	IN
QL03956	2,3,4,4,4-Pentafluoro-3-(trifluoromethyl)butanoic acid	917951-62-3	OC(=O)C(F)C(F)(C(F)(F)C(F)(F)F	-6.06	47.06	1.40	P	IN
QL03957	(2Z)-4,4,5,5,6,6,6-Heptafluoro-3-phenylhex-2-enoic acid (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) hydrogen maleate	154375-43-6	OC(=O)C=C(c1cccc1)C(F)(F)C(F)(F)C(F)(F)F	-6.30		2.11	P	OUT
QL03959		54950-04-8	OC(=O)C=C/C(Cl=O)OCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.73	40.48	3.09	P	IN
QL03960	4-[(Heptadecafluoroctyloxy)-4-oxobut-2-enoic acid	152682-85-4	OC(=O)C=C(CC(=O)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.72	47.22	2.90	P	IN
QL03961	(Perfluoroctylethyl)hydrogen fumarate	86130-60-1	OC(=O)C=C(CC(=O)OCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.73	40.48	3.09	P	IN
QL03962	4,4,5,5,6,6,6-Heptafluorohehex-2-enoic acid	356-03-6	OC(=O)C=C(C(F)(F)C(F)(F)F	-6.81	38.89	1.93	P	IN
QL03964	5-[(Heptadecafluorononyl(oxy)]benzenedicarboxylic acid	96210-37-6	OC(=O)C1=CC(=CC(OC(F)=C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)=C1)C(O)=O	-9.22	38.64	2.94	P	IN
QL03965	4-(Heptafluoroisopropyl)benzoic acid	2396-21-6	OC(=O)C1=CC=C(C=C1)C(F)(F)C(F)(F)F	-6.56	29.17	2.10	P	IN
QL03966	4-(Heptadecafluoroctyl)benzoic acid	74701-33-0	OC(=O)C1=CC=C(C=C1)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.47	43.59	2.90	P	IN
QL03967	4-(Nonafluorobutyl)benzoic acid	13835-88-6	OC(=O)C1=CC=C(C=C1)C(F)(F)C(F)(F)C(F)(F)F	-7.71	33.33	2.46	P	IN
QL03968	4-(Heptafluoropropyl)benzoic acid	88950-94-1	OC(=O)C1=CC=C(C=C1)C(F)(F)C(F)(F)F	-7.03	29.17	2.29	P	IN
QL03969	4-[(1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-Heptafluorononyl-1-en-1-yl)oxy]benzoic acid	58253-65-9	OC(=O)C1=CC=C(OC(F)=C(F)(F)					

[illegible]

[illegible]

[illegible]

QL04183	(2Z)-4,4,5,6,6,7,7,8,8,9,9-Tridecafluoronon-2-en-1-ol (2E)-4,5,5,5-Tetrafluoro-4-(trifluoromethyl)pent-2-en-1-ol	83707-01-1	OCC=C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.59	46.43	2.46	P	IN
QL04184	4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-hepta-decafluoroundec-2-en-1-ol	83706-95-0	OCC=CC(F)(C(F)(F)C(F)(F)F	-6.08	36.84	1.69	P	IN
QL04185	hepta-decafluoroundec-2-en-1-ol	2340-84-3	OCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.38	50.00	2.68	P	IN
QL04186	4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluoro-2-nonen-1-ol	38550-47-9	OCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.59	46.43	2.46	P	IN
QL04189	4,4,5,5,6,6,7,7,7-Nonafluorohept-2-en-1-ol	72016-05-8	OCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.60	40.91	2.21	P	IN
QL04190	4,4,5,5,6,6,6-Heptafluorohex-2-en-1-ol (Perfluorocyclohexyl)methanol	679-03-8	OCC=CC(F)(F)C(F)(F)C(F)(F)F	-6.71	36.84	1.95	P	IN
QL04192	[4-(Hepta-decafluorooctyl)phenyl]methanol	28788-68-3	OCC1(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-6.22	50.00	1.38	P	IN
QL04193	[4-(Hepta-decafluorooctyl)phenyl]methanol [4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Hepta-decafluorodecyl)phenyl]methanol	163114-33-8	OCC1=CC=C(C=C1)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.40	42.50	2.90	P	IN
QL04194	Hepta-decafluorodecyl]phenyl]methanol	356055-77-1	OCC1=CC=C(CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1	-9.49	36.96	3.09	P	IN
QL04195	4-(Perfluorohexyl)ethyl]phenyl]methanol	356055-76-0	OCC1=CC=C(CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1	-8.69	32.50	2.88	P	IN
QL04196	[4-(3,3,4,4,5,5,6,6,6-Nonafluorohexyl)phenyl]methanol [4-[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-Hepta-decafluoroundecyl)oxy]phenyl]methanol	892154-66-4	OCC1=CC=C(CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1	-7.79	26.47	2.68	P	OUT
QL04197	Hepta-decafluoroundecyl]oxy]phenyl]methanol [4-[(4,4,5,5,6,6,7,7,8,8,9,9-Tridecafluoroononyl)oxy]phenyl]methanol	892155-69-0	OCC1=CC=C(OC CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1	-9.63	34.00	3.23	P	OUT
QL04198	Tridecafluoroononyl]oxy]phenyl]methanol	957206-65-4	OCC1=CC=C(COCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1	-8.87	29.55	3.04	P	OUT
QL04199	4-[3-(Perfluorobutyl)-1-propyloxy]benzyl alcohol [3,4,5-Tris(1,1,2-trifluoro-2-(heptafluoropropoxy)ethoxy]phenyl]methanol	892154-51-7	OCC1=CC=C(COCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C1 OCc1cc(OC(F)(F)C(F)C(F)OC(F)(F)C(F)F)c(OC(F)(F)C(F)C(F)F)c(OC(F)(F)C(F)C(F)F)c1	-8.06	23.68	2.87	P	OUT
QL04200	(heptafluoropropoxy)ethoxy]phenyl]methanol [4-(1,1,1,2,2,3,3-Heptafluoropropan-2-yl)phenyl]methanol	1233312-87-2	F)OC(F)(F)C(F)(F)C(F)(F)C1	-10.20	44.78	3.17	P	OUT
QL04201	3-(Heptafluoropropyl)pentane-1,5-diol	1137162-24-3	OCC1ccc(cc1)C(F)(C(F)(F)C(F)(F)F	-6.59	28.00	2.15	P	OUT
QL04202	3-(Heptafluoropropyl)pentane-1,5-diol	678-93-3	OCCC(CCO)C(F)(F)C(F)(F)C(F)(F)F	-5.84	25.00	1.92	P	OUT
QL04203	2-(Hepta-decafluorooctyl)butane-1,4-diol	135440-42-5	OCCC(CO)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.88	42.50	2.69	P	IN
QL04204	2(Perfluoro-2-propyl)ethanol	90999-87-4	OCCC(F)(C(F)(F)C(F)(F)F	-5.56	38.89	1.42	P	IN
QL04205	3,3,4,4,5,6,6,6-Octafluoro-5-(trifluoromethyl)hexan-1-ol	89076-11-9	OCCC(F)(F)C(F)(F)C(F)(C(F)(F)C(F)(F)F	-7.12	45.83	1.87	P	IN
QL04206	3,3,4,4,5,5,6,6,7,8,8,8-Dodecafluoro-7-(trifluoromethyl)octan-1-ol	20015-46-7	OCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.24	50.00	2.22	P	IN
QL04207	2-(Perfluoro-7-methyloctyl)ethanol	31200-98-3	OCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.11	52.78	2.50	P	IN
QL04208	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12-Icosafluoro-11-(trifluoromethyl)dodecan-1-ol	194427-39-9	OCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.81	54.76	2.73	P	IN
QL04209	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,15,15,15-Heptaacosiafluoropentadecan-1-ol	176676-70-3	OCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.72	56.25	3.06	P	OUT
QL04210	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-Tricosafluorotridecan-1-ol	1545-59-1	OCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.18	54.76	2.88	P	OUT
QL04212	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Nonadecafluoroundecan-1-ol	87017-97-8	OCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.55	52.78	2.68	P	IN
QL04213	3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-Pentadecafluorononan-1-ol	755-02-2	OCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.79	50.00	2.44	P	IN
QL04214	52 Fluorotelomer alcohol	185689-57-0	OCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.84	45.83	2.17	P	IN
QL04216	32 Fluorotelomer alcohol	755-40-8	OCCC(F)(F)C(F)(F)C(F)(F)F	-6.61	38.89	1.85	P	IN
QL04217	22 fluorotelomer alcohol	54949-74-5	OCCC(F)(F)C(F)(F)F	-5.43	33.33	1.52	P	IN
QL04218	Poly(difluoromethylene), .alpha.-fluoro.-omega.-(2-hydroxyethyl)-, dihydrogen 2-hydroxy-1,2,3-propanetricarboxylate Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, ether with alpha-fluoro-omega-(2-hydroxyethyl)poly(difluoromethylene) (11) Poly(difluoromethylene), .alpha.-fluoro.-omega.-(2-hydroxyethyl)-	65605-56-3 65	OCCC(F)(F)F	-4.53	25.00	1.38	P	OUT
QL04219	5,5,6,6,7,7,8,8,9,9,10,10,10-Tridecafluoro-3-iododecan-1-ol	16083-68-4	OCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.47	42.42	2.52	P	IN
QL04220	5,5,6,6,7,7,8,8,8-Nonafluoro-3-iodooctan-1-ol	109574-81-4	OCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.50	37.04	2.27	P	IN
QL04221	5,5,6,6,7,7,7-Heptafluoro-3-iodoheptan-1-ol 5,5,6,6,7,7,7-Heptafluoro-4,4-bis(trifluoromethyl)heptan-1-ol	89621-93-2	OCCCC(I)CC(F)(F)C(F)(F)C(F)(F)F	-6.96	33.33	2.15	P	IN
QL04222	3-(Perfluoroisopropyl)propanol	110254-90-5	OCCCCC(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.35	43.33	2.04	P	IN
QL04223	3-(Perfluoroisopropyl)propanol	29819-73-6	OCCCCC(F)(C(F)(F)C(F)(F)F	-5.84	33.33	1.69	P	IN
QL04224	3-(Perfluorooctyl)propanol	1651-41-8	OCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.19	47.22	2.68	P	IN
QL04225	73 fluorotelomer alcohol	25600-66-2	OCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.64	45.45	2.51	P	IN
QL04226	3-(Perfluorohexyl)propanol	80806-68-4	OCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.38	43.33	2.46	P	IN
QL04227	4,4,5,5,6,6,7,7,8,8,8-Undecafluorooctan-1-ol	1404193-88-9	OCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.69	40.74	2.25	P	IN
QL04228	3-(Perfluorobutyl)-1-propanol	83310-97-8	OCCCCC(F)(F)C(F)(F)C(F)(F)F	-7.37	37.50	2.21	P	IN
QL04229	3-(Perfluoropropyl)propanol	679-02-7	OCCCCC(F)(F)C(F)(F)C(F)(F)F	-6.47	33.33	1.95	P	IN
QL04230	3-(Perfluoroethyl)propanol	NOCAS_869964	OCCCCC(F)(F)C(F)(F)F	-5.79	27.78	1.82	P	OUT
QL04231	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pentan-1-ol 6,6,7,7,8,8,9,9,10,10,11,11,11-Tridecafluoro-4-iodoundecan-1-ol	243128-41-8	OCCCCC(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.53	39.29	2.22	P	IN
QL04232	iodoundecan-1-ol	132665-00-0	OCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.70	38.89	2.72	P	IN
QL04233	5,5,6,6,7,7,8,8,9,9,10,10,10-Tridecafluorodecan-1-ol	39239-79-7	OCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.27	39.39	2.52	P	IN
QL04234	44 Fluorotelomer alcohol	3792-02-7	OCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.28	33.33	2.28	P	IN

QL04235	5,5,6,6,7,7,7-Heptafluoroheptan-1-ol (SE)-7,7,8,8,9,10,10,10-Nonafluoro-5-iododec-5-en-1-ol	883543-64-4	OCCCCC(F)(F)C(F)(F)C(F)(F)F	-6.74	29.17	2.17	P	IN
QL04236	6,6,7,7,8,8,9,10,10,11,11,11-Tridecafluoroundecan-1-ol	137648-89-6	OCCCC(I)=C/C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.85	32.26	2.55	P	IN
QL04237	6,6,7,7,8,8,9,9,9-Nonafluorononan-1-ol	134052-02-1	OCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.54	36.11	2.72	P	IN
QL04238	7,8,8,8-Tetrafluoro-7-(trifluoromethyl)octan-1-ol	219557-62-7	OCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.48	30.00	2.46	P	IN
QL04239	7,7,8,8,9,10,10,11,11,12,12,13,14,14,14-Hexadecafluoro-13-(trifluoromethyl)tetradecan-1-ol	220469-13-6	OCCCCC(C)(F)(F)C(F)(F)C(F)(F)F	-6.18	23.33	2.11	P	OUT
QL04240	7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-hepta-decafluoratetradecan-1-ol	390410-82-9	OCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.26	39.58	2.92	P	IN
QL04241	6-(Perfluorohexyl)hexanol	129794-54-3	OCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.21	37.78	2.95	P	IN
QL04242	7,7,8,8,9,9,10,10,10-nonafluorodecan-1-ol	161981-35-7	OCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.48	33.33	2.78	P	IN
QL04243	9,9,10,10,11,11,12,12-Nonafluoro-7-iodododecan-1-ol	181042-39-7	OCCCCC(C)(F)(F)C(F)(F)C(F)(F)F	-7.45	27.27	2.52	P	OUT
QL04244	9,9,10,10,11,11,12,12-Nonafluorododecan-1-ol	172701-28-9	OCCCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.90	25.64	2.75	P	OUT
QL04245	11-(Perfluorooctyl)undec-10-enol	133001-14-6	OCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.68	23.08	2.73	P	OUT
QL04246	12,12,13,13,14,14,15,15,16,16,17,17,17-Tridecafluoroheptadec-10-en-1-ol	15364-19-9	OCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.65	29.31	3.37	P	OUT
QL04247	12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19-Heptadecafluorononadecan-1-ol	117543-54-1	OCCCCCCCCC=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.98	25.00	3.21	P	OUT
QL04249	12,12,13,13,14,14,15,15,16,16,17,17,17-Tridecafluoroheptadecan-1-ol	1512-02-3	OCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.59	28.33	3.37	P	OUT
QL04250	12,12,13,13,14,14,15,15,16,16,17,17,17-Tridecafluoroheptadecan-1-ol	134052-01-0	OCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.91	24.07	3.21	P	OUT
QL04251	12,12,13,13,14,14,15,15,15-Nonafluoropentadecan-1-ol	36096-97-6	OCCCCCCCCCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.15	18.75	3.04	P	OUT
QL04252	9-[(4,4,5,5-Pentafluoropentyl)sulfanyl]nonan-1-ol	511545-94-1	OCCCCCCCCCCC(F)(F)C(F)(F)F	-7.65	10.87	3.06	P	OUT
QL04253	6-(2,2,3,3,4,4,4-Heptafluorobutoxy)hexan-1-ol	1207481-10-4	OCCCCCOC(F)(F)C(F)(F)C(F)(F)F	-7.36	20.59	2.67	P	OUT
QL04254	3-[1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl]propan-1-ol	762241-70-3	OCCCS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.19	33.33	2.25	P	IN
QL04255	3-[(Nonafluorobutyl)sulfonyl]propan-1-ol	875628-33-4	OCCSC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.46	36.00	2.28	P	IN
QL04256	1-Propanol, 3-[[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hepta-decafluorodecyl]thio]-	36880-07-6	OCCSCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.32	39.53	2.95	P	IN
QL04257	Isooctanesulfonamide, hepta-decafluoro-N,N-bis-(2-hydroxyethyl)-	93894-66-7	OCCN(CCO)[S](=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.51	37.78	2.67	P	IN
QL04258	1-[Bis(2-hydroxyethylamino)-4,4,5,5,6,6,6-heptafluorohexan-2-ol	189160-58-5	OCCN(CCO)CC(O)CC(F)(F)C(F)(F)C(F)(F)F	-6.62	18.92	2.41	P	OUT
QL04259	2,2'-((3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Hepta-decafluorodecyl)imino)bisethanol	27607-36-9	OCCN(CCO)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.92	35.42	2.90	P	IN
QL04260	N-(Bis(2-hydroxyethylamino)propyl)-perfluorooctanamide	41358-63-8	OCCN(CCO)CCNC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.92	28.85	3.08	P	OUT
QL04261	1,1-Bis((perfluoro-1-nonyl)ethyloxy)-N-(2-hydroxyethyl)-2-oxa-3-aza-1-phosphapentan-5-ol 1-oxide	101896-22-4	OCCN(CCO)O[P](=O)(=O)OCCC(F)(F)C					

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QL04384	ether-substituted Perfluoroalkyl (linear) sulfonic acids_i, n=3	S(=O)(O)(=O)C(F)(F)C(F)(F)C(F)(F)OC(F)(F)C(C(F)(F)F)C(F)(F)F	-8.39	53.57	2.18	P	IN
QL04385	ether-substituted Perfluoroalkyl (linear) sulfonic acids_n=3	S(=O)(O)(=O)C(F)(F)C(F)(F)C(F)(F)OC(F)(F)F	-7.27	47.37	1.89	P	IN
QL04386	ether-substituted Perfluoroalkyl (linear) sulfonic acids_i, n=2	S(=O)(O)(=O)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)F	-7.90	52.00	2.02	P	IN
QL04387	Cl-substituted,ether-substituted perfluoroalkyl (linear)sulfonic acids_n=12	S(=O)(O)(=O)C(F)(F)C(F)(F)OC(F)(F)					

QL04421	perfluoroalkanesulfonamido quaternary ammonium disulfonate B, n=6	S(N(CC(O)CS(=O)O)=O)CCC[N+](CC(O)CS(=O)O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.22	18.31	3.09	P	OUT
QL04422	perfluoroalkanesulfonamido quaternary ammonium disulfonate B, n=5	S(N(CC(O)CS(=O)O)=O)CCC[N+](CC(O)CS(=O)O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.81	16.18	2.98	P	OUT
QL04423	perfluoroalkanesulfonamido quaternary ammonium disulfonate B, n=4	S(N(CC(O)CS(=O)O)=O)CCC[N+](CC(O)CS(=O)O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.37	13.85	2.86	P	OUT
QL04424	perfluoroalkanesulfonamido quaternary ammonium disulfonate B, n=3	S(N(CC(O)CS(=O)O)=O)CCC[N+](CC(O)CS(=O)O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.94	11.29	2.75	P	OUT
QL04425	perfluoroalkanesulfonamido quaternary ammonium disulfonate B, n=2	S(N(CC(O)CS(=O)O)=O)CCC[N+](CC(O)CS(=O)O)(C)C(=O)(=O)C(F)(F)C(F)(F)F	-6.87	8.47	2.80	P	OUT
QL04426	perfluoroalkanesulfonamido quaternary diol sulfonic acid, n=6	S(N(CC(O)CS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.90	20.31	2.90	P	OUT
QL04427	perfluoroalkanesulfonamido quaternary diol sulfonic acid, n=5	S(N(CC(O)CS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.58	18.03	2.83	P	OUT
QL04428	perfluoroalkanesulfonamido quaternary diol sulfonic acid, n=4	S(N(CC(O)CS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.09	15.52	2.70	P	OUT
QL04429	perfluoroalkanesulfonamido quaternary diol sulfonic acid, n=3	S(N(CC(O)CS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.61	12.73	2.58	P	OUT
QL04430	N-ethyl perfluorodecane sulfonamido acetic acid, n=10	S(N(CC)CC(O)=O)(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.53	42.86	2.95	P	IN
QL04431	N-ethyl perfluorononane sulfonamido acetic acid, n=9	S(N(CC)CC(O)=O)(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.31	41.30	2.90	P	IN
QL04432	N-ethyl perfluoropropane sulfonamido acetic acid, n=3	S(N(CC)CC(O)=O)(=O)(=O)C(F)(F)C(F)(F)F	-6.47	25.00	2.18	P	OUT
QL04433	N-ethyl perfluoroethane sulfonamido acetic acid, n=2	S(N(CC)CC(O)=O)(=O)(=O)C(F)(F)C(F)(F)F	-5.51	20.00	1.92	P	OUT
QL04434	perfluoroalkanesulfonamido betaine C, n=6	S(N(CC)CCC[N+](CCC(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.46	22.41	3.07	P	OUT
QL04435	perfluoroalkanesulfonamido betaine C, n=5	S(N(CC)CCC[N+](CCC(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.98	20.00	2.94	P	OUT
QL04436	perfluoroalkanesulfonamido quaternary ammonium carboxylic acid, n=6	S(N(CCC(=O)O)CCC[N+](C)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.76	23.64	2.75	P	OUT
QL04437	perfluoroalkanesulfonamido quaternary ammonium carboxylic acid, n=5	S(N(CCC(=O)O)CCC[N+](C)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.46	21.15	2.69	P	OUT
QL04438	perfluoroalkanesulfonamido quaternary ammonium carboxylic acid, n=4	S(N(CCC(=O)O)CCC[N+](C)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.85	18.37	2.52	P	OUT
QL04439	perfluoroalkanesulfonamido quaternary ammonium carboxylic acid, n=3	S(N(CCC(=O)O)CCC[N+](C)(C)C(=O)(=O)C(F)(F)C(F)(F)F	-6.42	15.22	2.43	P	OUT
QL04440	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate B, n=6	S(N(CCC(O)=O)CCC[N+](CC(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.16	22.41	2.95	P	OUT
QL04441	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate B, n=5	S(N(CCC(O)=O)CCC[N+](CC(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.84	20.00	2.88	P	OUT
QL04442	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate B, n=4	S(N(CCC(O)=O)CCC[N+](CC(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.22	17.31	2.70	P	OUT
QL04443	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate C, n=6	S(N(CCC(O)=O)CCC[N+](CCC(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.37	21.31	3.06	P	OUT
QL04444	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate C, n=5	S(N(CCC(O)=O)CCC[N+](CCC(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.82	18.97	2.90	P	OUT
QL04445	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate C, n=4	S(N(CCC(O)=O)CCC[N+](CCC(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.46	16.36	2.83	P	OUT
QL04446	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate C, n=3	S(N(CCC(O)=O)CCC[N+](CCC(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)F	-6.88	13.46	2.67	P	OUT
QL04447	perfluorooctanesulfonamido amine carboxylic acid B, n=8	S(N(CCC(O)=O)CCCN(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.66	29.82	2.95	P	OUT
QL04448	perfluoroheptanesulfonamido amine carboxylic acid B, n=7	S(N(CCC(O)=O)CCCN(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.40	27.78	2.90	P	OUT
QL04449	perfluorohexanesulfonamido amine carboxylic acid B, n=6	S(N(CCC(O)=O)CCCN(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.89	25.49	2.75	P	OUT
QL04450	perfluoropentanesulfonamido amine carboxylic acid B, n=5	S(N(CCC(O)=O)CCCN(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.59	22.92	2.70	P	OUT
QL04451	perfluorobutanesulfonamido amine carboxylic acid B, n=4	S(N(CCC(O)=O)CCCN(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.97	20.00	2.52	P	OUT
QL04452	perfluoropropanesulfonamido amine carboxylic acid B, n=3	S(N(CCC(O)=O)CCCN(C)C(=O)(=O)C(F)(F)C(F)(F)F	-6.54	16.67	2.44	P	OUT
QL04453	perfluorohexanesulfonamido amine sulfonic acid, n=6	S(N(CCCS(=O)O)(O)=O)C(CO)CCN(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.60	22.03	2.73	P	OUT
QL04454	perfluoropentanesulfonamido amine sulfonic acid, n=5	S(N(CCCS(=O)O)(O)=O)C(CO)CCN(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.29	19.64	2.67	P	OUT
QL04455	perfluoroalkanesulfonamido quaternary ammonium disulfonate A, n=8	S(N(CCCS(=O)O)(O)=O)CCC[N+](CCCS(=O)O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.88	22.67	3.24	P	OUT
QL04456	perfluoroalkanesulfonamido quaternary ammonium disulfonate A, n=7	S(N(CCCS(=O)O)(O)=O)CCC[N+](CCCS(=O)O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.63	20.83	3.18	P	OUT
QL04457	perfluoroalkanesulfonamido quaternary ammonium disulfonate A, n=6	S(N(CCCS(=O)O)(O)=O)CCC[N+](CCCS(=O)O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.25	18.84	3.08	P	OUT
QL04458	perfluoroalkanesulfonamido quaternary ammonium disulfonate A, n=5	S(N(CCCS(=O)O)(O)=O)CCC[N+](CCCS(=O)O)(O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.91	16.67	3.00	P	OUT

QL04459	perfluoroalkanesulfonamido quaternary ammonium disulfonate A, n=4	S(N(CCCS(=O)(O)=O)CCC[N+](CCCS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.41	14.29	2.86	P	OUT
QL04460	perfluoroalkanesulfonamido quaternary ammonium disulfonate A, n=3	S(N(CCCS(=O)(O)=O)CCC[N+](CCCS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.99	11.67	2.76	P	OUT
QL04461	perfluoroalkanesulfonamido quaternary ammonium triol sulfonic acid, n=6	S(N(CCCS(O)(=O)=O)C(CO)CC[N+](CC(CO)O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.06	18.31	3.02	P	OUT
QL04462	perfluoroalkanesulfonamido quaternary ammonium triol sulfonic acid, n=5	S(N(CCCS(O)(=O)=O)C(CO)CC[N+](CC(CO)O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.68	16.18	2.92	P	OUT
QL04463	perfluoroalkanesulfonamido quaternary ammonium triol sulfonic acid, n=4	S(N(CCCS(O)(=O)=O)C(CO)CC[N+](CC(CO)O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.32	13.85	2.84	P	OUT
QL04464	perfluoroalkanesulfonamido quaternary ammonium triol sulfonic acid, n=3	S(N(CCCS(O)(=O)=O)C(CO)CC[N+](CC(CO)O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.81	11.29	2.70	P	OUT
QL04465	perfluoroalkanesulfonamido quaternary ammonium triol sulfonic acid, n=2	S(N(CCCS(O)(=O)=O)C(CO)CC[N+](CC(CO)O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.65	8.47	2.71	P	OUT
QL04466	perfluoroalkanesulfonamido quaternary ammonium alcohol sulfonic acid, n=8	S(N(CCCS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.63	24.64	3.08	P	OUT
QL04467	perfluoroalkanesulfonamido quaternary ammonium alcohol sulfonic acid, n=7	S(N(CCCS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.40	22.73	3.04	P	OUT
QL04468	perfluoroalkanesulfonamido quaternary ammonium alcohol sulfonic acid, n=6	S(N(CCCS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.93	20.63	2.90	P	OUT
QL04469	perfluoroalkanesulfonamido quaternary ammonium alcohol sulfonic acid, n=5	S(N(CCCS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.61	18.33	2.83	P	OUT
QL04470	perfluoroalkanesulfonamido quaternary ammonium alcohol sulfonic acid, n=4	S(N(CCCS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.12	15.79	2.70	P	OUT
QL04471	perfluoroalkanesulfonamido quaternary ammonium alcohol sulfonic acid, n=3	S(N(CCCS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.67	12.96	2.60	P	OUT
QL04472	perfluoroalkanesulfonamido quaternary ammonium alcohol sulfonic acid, n=2	S(N(CCCS(O)(=O)=O)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)F	-6.52	9.80	2.62	P	OUT
QL04473	perfluoroalkanesulfonamido sulfonate betaine E, n=6	S(N(CCO)CCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.40	20.31	3.11	P	OUT
QL04474	perfluoroalkanesulfonamido sulfonate betaine E, n=5	S(N(CCO)CCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.03	18.03	3.02	P	OUT
QL04475	perfluoroalkanesulfonamido sulfonate betaine E, n=4	S(N(CCO)CCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.53	15.52	2.88	P	OUT
QL04476	perfluoroalkanesulfonamido sulfonate betaine E, n=3	S(N(CCO)CCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.19	12.73	2.82	P	OUT
QL04477	perfluoroalkanesulfonamido quaternary ammonium diol B, n=8	S(N(CCO)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.88	26.98	3.12	P	OUT
QL04478	perfluoroalkanesulfonamido quaternary ammonium diol B, n=7	S(N(CCO)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.66	25.00	3.08	P	OUT
QL04479	perfluoroalkanesulfonamido quaternary ammonium diol B, n=6	S(N(CCO)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.19	22.81	2.95	P	OUT
QL04480	perfluoroalkanesulfonamido quaternary ammonium diol B, n=5	S(N(CCO)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.89	20.37	2.89	P	OUT
QL04481	perfluoroalkanesulfonamido quaternary ammonium diol B, n=4	S(N(CCO)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.33	17.65	2.74	P	OUT
QL04482	perfluoroalkanesulfonamido quaternary ammonium diol B, n=3	S(N(CCO)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)F	-6.84	14.58	2.62	P	OUT
QL04483	perfluoroalkanesulfonamido quaternary ammonium diol B, n=2	S(N(CCO)CCC[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)F	-6.16	11.11	2.44	P	OUT
QL04484	perfluorohexanesulfonamido amine carboxylic acid A, n=6	S(NC(C(O)=O)CCN(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.10	28.89	2.74	P	OUT
QL04485	perfluoropentanesulfonamido amine carboxylic acid A, n=5	S(NC(C(O)=O)CCN(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.80	26.19	2.69	P	OUT
QL04486	perfluorobutanesulfonamido amine carboxylic acid A, n=4	S(NC(C(O)=O)CCN(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.16	23.08	2.52	P	OUT
QL04487	perfluoroalkanesulfonamido quaternary ammonium triol, n=6	S(NC(CO)CC[N+](CC(O)CO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.41	22.41	3.05	P	OUT
QL04488	perfluoroalkanesulfonamido quaternary ammonium triol, n=5	S(NC(CO)CC[N+](CC(O)CO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.98	20.00	2.94	P	OUT
QL04489	perfluoroalkanesulfonamido quaternary ammonium triol, n=4	S(NC(CO)CC[N+](CC(O)CO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.67	17.31	2.89	P	OUT
QL04490	perfluoroalkanesulfonamido quaternary ammonium triol, n=3	S(NC(CO)CC[N+](CC(O)CO)(C)C(=O)(=O)C(F)(F)C(F)(F)F	-7.09	14.29	2.73	P	OUT
QL04491	perfluoroalkanesulfonamido quaternary ammonium diol A, n=6	S(NCC(O)C[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.37	25.49	2.95	P	OUT
QL04492	perfluoroalkanesulfonamido quaternary ammonium diol A, n=5	S(NCC(O)C[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.00	22.92	2.87	P	OUT
QL04493	perfluoroalkanesulfonamido quaternary ammonium diol A, n=4	S(NCC(O)C[N+](CCO)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.43	20.00	2.71	P	OUT
QL04494	perfluoroalkanesulfonamido quaternary ammonium oxide, n=9	S(NCCC[N+](O-)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.40	36.54	3.07	P	IN
QL04495	perfluoroalkanesulfonamido quaternary ammonium oxide, n=7	S(NCCC[N+](O-)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.71	32.61	2.89	P	IN

QL04496	perfluoroalkanesulfonamido quaternary ammonium oxide, n=6	30295-56-8	S(NCCC[N+](O-))(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.18	30.23	2.74	P	OUT
QL04497	perfluoroalkanesulfonamido quaternary ammonium oxide, n=5		S(NCCC[N+](O-))(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.90	27.50	2.70	P	OUT
QL04498	perfluoroalkanesulfonamido quaternary ammonium oxide, n=4		S(NCCC[N+](O-))(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.26	24.32	2.52	P	OUT
QL04499	perfluoroalkanesulfonamido quaternary ammonium, n=3		S(NCCC[N+](C)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)F	-6.63	18.92	2.42	P	OUT
QL04500	perfluoroalkanesulfonamido betaine A, n =6		S(NCCC[N+](CC(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.44	26.53	2.95	P	OUT
QL04501	perfluoroalkanesulfonamido betaine A, n =5		S(NCCC[N+](CC(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.07	23.91	2.87	P	OUT
QL04502	perfluoroalkanesulfonamido betaine A, n =4		S(NCCC[N+](CC(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.49	20.93	2.71	P	OUT
QL04503	perfluoroalkanesulfonamido betaine A, n =3		S(NCCC[N+](CC(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)F	-7.04	17.50	2.62	P	OUT
QL04504	perfluoroalkanesulfonamido sulfonate betaine B, n=9		S(NCCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.64	28.79	3.38	P	OUT
QL04505	perfluoroalkanesulfonamido sulfonate betaine B, n=8		S(NCCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.26	26.98	3.27	P	OUT
QL04506	perfluoroalkanesulfonamido sulfonate betaine B, n=7		S(NCCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.96	25.00	3.21	P	OUT
QL04507	perfluoroalkanesulfonamido sulfonate betaine B, n=6		S(NCCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.52	22.81	3.08	P	OUT
QL04508	perfluoroalkanesulfonamido sulfonate betaine B, n=5		S(NCCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.17	20.37	3.01	P	OUT
QL04509	perfluoroalkanesulfonamido sulfonate betaine B, n=4		S(NCCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.65	17.65	2.87	P	OUT
QL04510	perfluoroalkanesulfonamido sulfonate betaine B, n=3		S(NCCC[N+](CC(O)CS(=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)F	-7.37	14.58	2.84	P	OUT
QL04511	perfluoroalkanesulfonamido betaine B, n=6		S(NCCC[N+](CCC(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.59	25.00	3.05	P	OUT
QL04512	perfluoroalkanesulfonamido betaine B, n=5		S(NCCC[N+](CCC(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.09	22.45	2.92	P	OUT
QL04513	perfluoroalkanesulfonamido betaine B, n=4		S(NCCC[N+](CCC(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.70	19.57	2.84	P	OUT
QL04514	perfluoroalkanesulfonamido betaine B, n=3		S(NCCC[N+](CCC(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)F	-7.10	16.28	2.68	P	OUT
QL04515	perfluoroalkanesulfonamido quaternary ammonium diol C, n=6		S(NCCC[N+](CCC(O)CO)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.55	22.81	3.10	P	OUT
QL04516	perfluoroalkanesulfonamido quaternary ammonium diol C, n=5		S(NCCC[N+](CCC(O)CO)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.22	20.37	3.03	P	OUT
QL04517	perfluoroalkanesulfonamido quaternary ammonium diol C, n=4		S(NCCC[N+](CCC(O)CO)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.70	17.65	2.89	P	OUT
QL04518	perfluoroalkanesulfonamido sulfonate betaine A, n=8		S(NCCC[N+](CCCS(=O)(O)=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.29	27.42	3.27	P	OUT
QL04519	perfluoroalkanesulfonamido sulfonate betaine A, n=7		S(NCCC[N+](CCCS(=O)(O)=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.99	25.42	3.21	P	OUT
QL04520	perfluoroalkanesulfonamido sulfonate betaine A, n=6		S(NCCC[N+](CCCS(=O)(O)=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.55	23.21	3.09	P	OUT
QL04521	perfluoroalkanesulfonamido sulfonate betaine A, n=5		S(NCCC[N+](CCCS(=O)(O)=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.21	20.75	3.01	P	OUT
QL04522	perfluoroalkanesulfonamido sulfonate betaine A, n=4		S(NCCC[N+](CCCS(=O)(O)=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.68	18.00	2.87	P	OUT
QL04523	perfluoroalkanesulfonamido sulfonate betaine A, n=3		S(NCCC[N+](CCCS(=O)(O)=O)(O)=O)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)F	-7.41	14.89	2.85	P	OUT
QL04524	perfluoroalkanesulfonamido sulfonate betaine C, n=6		S(NCCC[N+](CCCS(=O)(O)=O)(O)=O)(C)CCO(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.44	21.67	3.08	P	OUT
QL04525	perfluoroalkanesulfonamido sulfonate betaine C, n=5		S(NCCC[N+](CCCS(=O)(O)=O)(O)=O)(C)CCO(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.10	19.30	3.01	P	OUT
QL04526	perfluoroalkanesulfonamido sulfonate betaine C, n=4		S(NCCC[N+](CCCS(=O)(O)=O)(O)=O)(C)CCO(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.58	16.67	2.87	P	OUT
QL04527	perfluoroalkanesulfonamido quaternary ammonium alcohol, n=8		S(NCCC[N+](CCO)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.10	30.36	3.12	P	OUT
QL04528	perfluoroalkanesulfonamido quaternary ammonium alcohol, n=7		S(NCCC[N+](CCO)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.89	28.30	3.09	P	OUT
QL04529	perfluoroalkanesulfonamido quaternary ammonium alcohol, n=6		S(NCCC[N+](CCO)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.41	26.00	2.95	P	OUT
QL04530	perfluoroalkanesulfonamido quaternary ammonium alcohol, n=5		S(NCCC[N+](CCO)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.05	23.40	2.87	P	OUT
QL04531	perfluoroalkanesulfonamido quaternary ammonium alcohol, n=4		S(NCCC[N+](CCO)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.47	20.45	2.72	P	OUT
QL04532	perfluoroalkanesulfonamido quaternary ammonium alcohol, n=3		S(NCCC[N+](CCO)(C)C(=O)=(O)C(F)(F)C(F)(F)C(F)(F)F	-7.03	17.07	2.63	P	OUT
QL04533	perfluoroalkanesulfonamido quaternary ammonium alcohol, n=2		S(NCCC[N+](CCO)(C)C(=O)=(O)C(F)(F)C(F)(F)F	-6.32	13.16	2.45	P	OUT
QL04534	perfluoropropanesulfonamido amine, n =3		S(NCCCN(C)C(=O)=(O)C(F)(F)C(F)(F)F	-6.85	21.21	2.44	P	OUT
QL04535	perfluoropropanesulfonamido sulfonic acid, n=6		S(NCCCS(=O)(O)=O)(O)=O)(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.45	34.21	2.74	P	IN
QL04536	perfluoropropanesulfonamido sulfonic acid, n=5		S(NCCCS(=O)(O)=O)(O)=O)(O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.16	31.43	2.70	P	IN
QL04537	perfluoropropanesulfonamido sulfonic acid, n=4		S(NCCCS(=O)(O)=O)(O)=O)(O)C(F)(F)C(F)(F)C(F)(F)F	-7.51	28.13	2.52	P	OUT
QL04538	perfluoropropanesulfonamido sulfonic acid, n=3		S(NCCCS(=O)(O)=O)(O)=O)(O)C(F)(F)C(F)(F)F	-6.98	24.14	2.42	P	OUT