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QL00176	Potassium perfluoropentanesulfonate	3872-25-1	[K+].[O-].[S](=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.58	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	-7.27	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	-6.99	44.44	2.02	P	IN
QL00179	Potassium 1,1,2,2-tetrafluoro-2-[(1,1,1,2,2,3,3-hexafluoro-3-(pentafluoroethoxy)propan-2-yl)oxy]ethane-1-sulfonate	70755-50-9	[K+].[O-].[S](=O)(=O)C(F)(F)C(F)OC(F)(C(F)F)C(F)F)OC(F)(F)C(F)F)	-8.59	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)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)Cl	-8.93	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)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.93	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)OC(F)(F)C(F)F)	-7.31	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)C1F)	-6.72	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(F)C(F)C(F)C(F)C(F)C(F)(F)C(F)C1F	-8.27	53.57	2.36	P	IN
QL00185	Potassium undecafluorocyclohexanesulphonate	3107-18-4	[K+].[O-].[S](=O)(=O)C1(F)C(F)C(F)C(F)C(F)C1F	-6.55	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)C(F)(F)C(F)(F)F	-8.16	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)C(F)(F)F	-7.37	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-dihexacosaflluorododecyl sulfate	1262446-14-9	[K+].[O-].[S](=O)(=O)OCCCC(F)(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	-9.45	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-hepta-decafluorodecyl sulfate	1262446-13-8	[K+].[O-].[S](=O)(=O)OCCCC(F)(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-8.89	45.95	2.85	P	IN
QL00190	3-[(Perfluorooctane-1-sulfonyl)amino]-N,N-dimethylpropan-1-amine N-oxide potassium	178094-69-4	[K+].CN[N+](C)[O-]CCC[N-].[S](=O)(=O)C(F)(F)C(F)C(F)C(F)C(F)F	-8.65	34.69	3.03	P	OUT
QL00191	3-[(Perfluoroheptane-1-sulfonyl)amino]-N,N-dimethylpropan-1-amine N-oxide potassium salt	178094-70-7	[K+].CN[N+](C)[O-]CCCC[N-].[S](=O)(=O)C(F)(F)C(F)C(F)C(F)C(F)F	-8.45	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+].CN[N+](C)[O-]CCCC[N-].[S](=O)(=O)C(F)(F)C(F)C(F)C(F)F	-8.00	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+].CN[N+](C)[O-]CCCC[N-].[S](=O)(=O)C(F)(F)C(F)C(F)F	-7.77	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+].CN[N+](C)[O-]CCCC[N-].[S](=O)(=O)C(F)(F)C(F)C(F)F	-7.24	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(S(=O)=O)[O-]C(C(F)F)F	-7.49	53.57	2.01	P	IN
QL00196	Potassium N-propyl-N-[(tridecafluorohexyl)sulphonyl]glycinate	85665-66-3	[K+].CCCC(CC[O-])O[S](=O)(=O)C(F)(F)C(F)C(F)C(F)C(F)F	-7.66	32.50	2.64	P	OUT
QL00197	Potassium N-[(hepta-decafluorooctyl)sulphonyl]-N-propylglycinate	55910-10-6	[K+].CCCC(CC[O-])O[S](=O)(=O)C(F)(F)C(F)C(F)C(F)C(F)C(F)F	-8.38	36.96	2.85	P	OUT
QL00198	Potassium N-ethyl-N-[(hepta-decafluorooctyl)sulphonyl]glycinate	2991-51-7	[K+].CCN(CC[O-])[O-].[S](=O)(=O)C(F)(F)C(F)C(F)C(F)C(F)F	-8.54	39.53	2.85	P	IN
QL00199	Potassium N-ethyl-N-[(pentadecafluoroheptyl)sulphonyl]glycinate	67584-62-7	[K+].CCN(CC[O-])[O-].[S](=O)(=O)C(F)(F)C(F)C(F)C(F)C(F)F	-8.31	37.50	2.81	P	IN
QL00200	Potassium N-ethyl-N-[(tridecafluorohexyl)sulphonyl]glycinate	67584-53-6	[K+].CCN(CC[O-])[O-].[S](=O)(=O)C(F)(F)C(F)C(F)C(F)F	-7.82	35.14	2.65	P	OUT
QL00201	Potassium N-ethyl-N-[(undecafluoropentyl)sulphonyl]glycinate	67584-52-5	[K+].CCN(CC[O-])[O-].[S](=O)(=O)C(F)(F)C(F)C(F)F	-7.55	32.35	2.59	P	OUT
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	-6.94	29.03	2.40	P	OUT
QL00203	1-[2-[Ethyl[[perfluorooctyl)sulfonyl]amino]ethyl] butanedioate potassium	92340-26-6	[K+].CCN(CCC(=O)CCCC[O-])[O-].[S](=O)(=O)C(F)(F)C(F)C(F)C(F)F	-9.09	30.91	3.33	P	OUT
QL00204	Potassium N-[(hepta-decafluorooctyl)sulphonyl]-N-methylglycinate	70281-93-5	[K+].CN(CCC(=O)[O-])[O-].[S](=O)(=O)C(F)(F)C(F)C(F)C(F)F	-8.70	42.50	2.85	P	IN
QL00205	Potassium N-[(perfluoro-7-methyloctyl)-2-hydroxypropyl]-N-methylaminoacetate	94159-89-4	[K+].CN(CCC(=O)CC(F)(F)C(F)					

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QL00582	Potassium N-((heptadecafluorooctyl)sulfonyl)-N-propylglycinate	55910-10-6	C(N([S]([O])=O)C(F)(F)C(F
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QL00972	3,3,4,4,5,5,6,6,7,7,8,8,9,9-Pentadecafluoro-2-methylnonan-2-ol	92914-88-0	CC(C)(O)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(F)	-7.53	45.45	2.24	P	IN
QL00973	2-Perfluoropropyl-2-propanol	355-22-6	CC(C)(O)(C)(F)(C)(F)(C)(F)(F)	-5.10	33.33	1.45	P	IN
QL00974	5,5,6,6,7,7,8,8-Nonafluoro-2-methyloct-3-yn-2-ol	82721-68-4	CC(C)(O)C#CC(F)(C)(F)(C)(F)(C)(F)(F)	-6.75	34.62	2.17	P	IN
QL00975	5,5,6,6,7,7,8,8,9,10,10,11,11,12,12-Heptadecafluoro-2-methyldodecan-2-ol	141183-94-0	CC(C)(O)CCCC(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(F)	-8.21	40.48	2.68	P	IN
QL00976	5,5,6,6,7,7,8,8,9,10,10,10-Tridecafluoro-2-methyldecan-2-ol	159142-65-1	CC(C)(O)CCCC(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(F)	-7.44	36.11	2.44	P	IN
QL00977	5,5,6,6,7,7,8,8-Nonafluoro-2-methyloctan-2-ol (4S,5R)-4-(Propan-2-yl)-5-(3,3,4,4,5,5,6,6,7,7,8,8-tridecafluoroocetyl)-1,3-oxazolidin-2-one	269394-08-3	CC(C)(O)CCCC(F)(C)(F)(C)(F)(C)(F)(F)	-6.48	30.00	2.17	P	OUT
QL00978	N-[(ZS)-2-Amino-3-methylbutyl]-1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonamide	871210-22-9	CC(C)[C@@H]1NC(=O)[C@@H]1CCCC(F)(F)(C)(F)(C)(F)(C)(F)(C)(F)(F)	-7.59	29.55	2.69	P	OUT
QL00979	N,N-Dimethyl-N-(propan-2-yl)propan-2-aminium nonafluorobutane-1-sulfonate	1417316-15-4	CC(C)[C@H](N)CNS(=O)(=O)C(F)(C)(F)(C)(F)(C)(F)(F)	-6.85	25.00	2.47	P	OUT
QL00980	(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Henicosafuorododecyl)di(propan-2-yl)silane ((Perfluorooctyl)ethyl)di(propan-2-yl)silane	374571-81-0	CC(C)[N+](C)(C)(C)(C)[O-][S](=O)(=O)C(F)(C)(F)(C)(F)(C)(F)(F)CC(C)[SiH](CCCC(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(F)C)C	-5.81	19.57	2.14	P	OUT
QL00981	356056-16-1	356056-16-1	CC(C)[SiH](CCCC(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(F)C)C	-8.47	35.59	2.93	P	OUT
QL00982	356056-15-9	356056-15-9	CC(C)[SiH](CCCC(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(F)C)C	-7.82	32.08	2.73	P	OUT
QL00983	Di(propan-2-yl)(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoroocetyl)silane	356056-14-9	CC(C)[SiH](CCCC(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(C)(C)	-7.06	27.66	2.49	P	OUT
QL00984	(3,3,4,4,5,5,6,6,6-Nonafluorohexyl)di(propan-2-yl)silane	356056-13-8	CC(C)[SiH](CCCC(F)(C)(F)(C)(F)(C)(F)(F)(C)(C)(C)CC(C)=C(C)(C(=O)C)(F)(C)(F)(C)(F)(F)=P(C1=CC=CC=C1)(C1=CC=CC=C1)C1=CC=CC=C1)C(F)(F)(C)(F)(C)(F)(F)	-6.13	21.95	2.22	P	OUT
QL00985	6-(1-Methylethylidene)-5-(triphenylphosphoranylidene)-(perfluoro)-nonan-4-one	139225-92-6	1)C(F)(F)(C)(F)(C)(F)(F)	-6.20	20.90	2.28	P	OUT
QL00986	7,7,8,8,9,9-Heptafluoro-2-methylnon-2-ene-4,6-dione	559-99-9	CC(C)=CC(=O)CC(=O)C(F)(C)(F)(C)(F)(F)	-6.37	25.00	2.25	P	OUT
QL00987	5,6,6,7,7,8,8-Octafluoro-2-methylocta-2,4-diene	90292-28-7	CC(C)=CC=C(C)(F)(C)(F)(C)(F)(F)	-6.63	32.00	2.18	P	OUT
QL00988	5,5,6,6,7,7,8,8-Nonafluoro-2-methyloct-2-ene	97294-02-5	CC(C)=CCC(F)(C)(F)(C)(F)(C)(F)(F)	-6.72	33.33	2.19	P	IN
QL00989	2-Methylprop-1-en-1-yl nonafluorobutane-1-sulfonate	84224-48-6	CC(C)=COS(=O)(=O)C(F)(C)(F)(C)(F)(C)(F)(F)	-6.77	32.14	2.24	P	OUT
QL00990	1,1,1,2-Tetrafluoro-4-methyl-2-(trifluoromethyl)pentan-3-one	62656-72-8	CC(C)C(=O)C(F)(C)(F)(C)(F)(F)	-4.90	31.82	1.40	P	OUT
QL00991	3,3,4,4,5,5,6,6,7,7,8,8-tridecafluoroocetyl 2-methylpropanoate	242812-05-1	CC(C)C(=O)OCCC(F)(F)(C)(F)(C)(F)(C)(F)(C)(F)(F)(F)	-7.91	34.21	2.71	P	OUT
QL00992	3,3,4,4,5,5,6,6,6-Nonafluorohexyl 2,2-difluoro-3-hydroxy-4-methylpentanoate	1370345-78-0	CC(C)C(O)(C)(F)(C(=O)O)CCC(F)(F)(C)(F)(C)(F)(C)(F)(F)	-7.35	28.21	2.61	P	OUT
QL00993	1-(1,3-Dimethylbutoxy)-2-(perfluorohexyl)ethane	210896-25-6	CC(C)CC(C)OCCC(F)(F)(C)(F)(C)(F)(F)(C)(F)(C)(F)(F)	-7.72	28.89	2.76	P	OUT
QL00994	3-Methylbutyl heptadecafluorononanoate	117374-32-0	CC(C)CCOC(=O)C(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(C)(F)(F)	-8.59	38.64	2.90	P	IN
QL00995	3-Methylbutyl 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	183873-56-5	CC(C)CCOC(=O)C(F)(OC(F)(F)(C)(F)(C)(F)(F)(F)(F)	-7.31	30.56	2.53	P	OUT
QL00996	Disopentyl 2-[(2,2,3,3,4,4,4-heptafluorobutanoyl)amino]succinate	75743-06-5	CC(C)CCOC(=O)CC(NC(=O)C(F)(F)(C)(F)(C)(F)(F)(C(=O)O)CCC(C)C	-6.67	12.28	2.72	P	OUT
QL00997	2,2,3,3,4,4,4-Heptafluoro-N,N-bis(2-methylpropyl)butanamide	336-30-1	CC(C)CN(C(C)(C)C(=O)C)(F)(C)(F)(C)(F)(F)	-5.69	17.95	2.12	P	OUT
QL00998	2,2,3,3,4,4,4-Heptafluoro-N-[2-(methylpropyl)butanamide	75668-25-6	CC(C)CNC(=O)C(F)(F)(C)(F)(C)(F)	-6.28	25.93	2.18	P	OUT
QL00999	Tris(2-methylpropyl) 3-(2,2,3,3,4,4,4-heptafluorobutanamido)propane-1,1							

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QL01122	4-(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)-3-(methanesulfonyl)-2-methylbenzoic acid	1355554-41-4	Cc1c(ccc(c1S(C)=O)=O)C(F)(C(F)(F)(F)C(F)C(O)=O	-6.02	21.21	2.19	P	OUT
QL01123	4-(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)-3-(methanesulfinyl)-2-methylbenzoic acid	1355554-19-6	Cc1c(ccc(c1S(C)=O)C(F)(C(F)(F)(F)C(F)C(O)=O	-6.06	21.88	2.19	P	OUT
QL01124	3-(tert-Butylsulfonyl)-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-2-methylbenzoic acid	1355554-16-3	Cc1c(ccc(c1S(C)(C)(C)C(F)(C(F)(F)(F)C(F)C(O)=O	-5.64	17.50	2.11	P	OUT
QL01125	3-Methyl-2-(nonafluorobutyl)-1H-indole	1622133-36-1	Cc1c(Nc2ccccc12)C(F)(F)(C(F)(F)(C(F)(F)F	-6.60	29.03	2.25	P	OUT
QL01126	2-(Heptafluoropropyl)-3-methyl-1H-indole	103606-42-8	Cc1c(Nc2ccccc12)C(F)(C(F)(F)(C(F)(F)F	-6.15	25.00	2.15	P	OUT
QL01127	5-Methyl-6-[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulfonyl]hexahydro-4,7-methano-2-benzofuran-1,3-dione	94413-32-8	CC1C2CC(C1SCCC(F)(F)(C(F)(F)(F)(C(F)(F)(C(F)(F)C1C2C(=O)OC1=O	-7.83	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)(C(F)(F)(C(F)(F)F)n1	-6.97	18.92	2.68	P	OUT
QL01129	2-Bromo-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-6-methylaniline	1770825-71-2	Cc1cc(cc(Br)c1N(C)C(F)(C(F)(F)(F)C(F)F	-5.93	30.77	1.90	P	OUT
QL01130	2-Bromo-5-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-1,3-dimethylbenzene	353272-55-6	Cc1cc(cc(C)c1Br)C(F)(C(F)(F)(C(F)(F)F	-5.86	29.63	1.90	P	OUT
QL01131	4-(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)-2,6-dimethylbenzaldehyde	1771743-29-3	Cc1cc(cc(C)c1C=O)C(F)(C(F)(F)(C(F)(F)F	-6.21	24.14	2.20	P	OUT
QL01132	4-(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)-2,6-dimethylaniline	273735-43-6	Cc1cc(cc(C)c1N(C)C(F)(C(F)(F)(C(F)(F)F	-5.55	24.14	1.90	P	OUT
QL01133	3-Benzamido-2,6-difluoro-N-[4-(1,1,1,2,3,3,3-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	-7.71	16.36	3.09	P	OUT
QL01134	5-Benzamido-2,4-dibromo-N-[4-(1,1,1,2,3,3,3-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	-7.70	16.36	3.08	P	OUT
QL01135	2,4-Difluoro-N-{2-fluoro-5-[[4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl}benzamide	862133-29-7	Cc1cc(cc(C)c1NC(=O)c1cccc(F)c(NC(=O)c2ccc(F)cc2F)c1)C(F)(C(F)(F)C(F)(F)F	-8.05	18.18	3.20	P	OUT
QL01136	2,3,4,5,6-Pentafluoro-N-{3-[[4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]carbamoyl]phenyl}benzamide	862130-96-9	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2c(F)c(C(F)(F)(F)C(F)(F)C(F)(F)F	-8.22	21.82	3.18	P	OUT
QL01137	2,3,6-Trifluoro-N-{3-[[4-(1,1,1,2,3,3,3-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	-7.71	18.18	3.04	P	OUT
QL01138	2,5-Difluoro-N-{3-[[4-(1,1,1,2,3,3,3-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	-7.63	16.36	3.05	P	OUT
QL01139	4-Chloro-N-{3-[[4-(1,1,1,2,3,3,3-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)C(F)(F)F	-7.77	14.04	3.18	P	OUT
QL01140	3-(4-Chloro-2-nitrobenzamido)-2-fluoro-N-[4-(1,1,1,2,3,3,3-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	-7.87	15.79	3.18	P	OUT
QL01141	2,4-Dichloro-N-{3-[[4-(1,1,1,2,3,3,3-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	-7.93	16.36	3.19	P	OUT
QL01142	4-Chloro-2-fluoro-N-{3-[[4-(1,1,1,2,3,3,3-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	-7.93	16.36	3.19	P	OUT
QL01143	3-(4-Chloro-2-fluorobenzamido)-2-fluoro-N-[4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]benzamide	862133-16-2	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(Cl)cc2F)c1F)C(F)(C(F)(F)C(F)(F)F	-8.03	18.18	3.19	P	OUT
QL01144	2-Fluoro-3-(4-fluoro-2-nitrobenzamido)-N-[4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]benzamide	862133-14-0	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(F)cc2[N+](([O-])=O)c1)C(F)(C(F)(F)C(F)(F)F	-7.87	15.79	3.18	P	OUT
QL01145	2-Chloro-4-fluoro-N-{3-[[4-(1,1,1,2,3,3,3-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	-7.93	16.36	3.19	P	OUT
QL01146	3-(2-Chloro-4-fluorobenzamido)-2-fluoro-N-[4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-2,6-dimethylphenyl]benzamide	862133-15-1	Cc1cc(cc(C)c1NC(=O)c1cccc(NC(=O)c2ccc(F)cc2Cl)c1F)C(F)(C(F)(F)C(F)(F)F	-8.03	18.18	3.19	P	OUT
QL01147	2,4-Difluoro-N-{3-[[4-(1,1,1,2,3,3,3-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	-7.93	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(C)(F)(C(F)(F)(C(F)(F)F)(C(O)=O)C(O)=O	-6.54	23.08	2.38	P	OUT
QL01149	4-(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)-2-methyl-1-nitrobenzene	238098-38-9	Cc1cc(ccc1[N+]([O-])=O)C(F)(C(F)(F)(C(F)(F)F	-6.25	26.92	2.15	P	OUT
QL01150	1-Bromo-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-2-methylbenzene	353272-53-4	Cc1cc(ccc1Br)C(F)(C(F)(F)(C(F)(F)F	-6.10	33.33	1.90	P	IN
QL01151	2-[4-(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)-2-methylphenyl]-4-iodo-1H-isindole-1,3(2H)-dione	346575-66-4	Cc1cc(ccc1N1C(=O)c2ccc(l)c1c2C(=O)C(F)(C(F)(F)C(F)(F)F	-6.62	21.05	2.47	P	OUT
QL01152	Flubendiamide	272451-65-7	Cc1cc(ccc1NC(=O)c1cccc(l)c1C(O)=NC(C)(C)C(C)(=O)=O)C(F)(C(F)(F)C(F)(F)F	-7.23	13.33	2.95	P	OUT
QL01153	N-(2-Methylsulfinyl)-1,1-dimethyl-ethyl)-N'-(2-methyl-4-[perfluoroisopropyl]phenyl)phthalimide	371771-07-2	Cc1cc(ccc1NC(=O)c1cccc(c1=O)NC(C)(C)C(C)=O)C(F)(C(F)(F)C(F)(F)F	-7.22	11.86	2.99	P	OUT
QL01154	4-(Heptafluoropropyl)-7,8-dimethyl-1,3-dihydro-2H-1,5-benzodiazepin-2-one	505063-74-1	Cc1cc2NC(=O)CC(=Nc2cc1C)C(F)(C(F)(F)(C(F)(F)F	-6.56	20.00	2.47	P	OUT
QL01155	2-(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)-5-methylcyclohexan-1-ol	52450-55-2	CC1CCCC(C(O)c1)C(F)(C(F)(F)(C(F)(F)F	-5.52	22.58	1.93	P	OUT
QL01156	1,4-Dimethyl-2-(tridecafluorohexyl)benzene	123524-58-3	Cc1ccc(C)c(c1)C(F)(C(F)(F)(C(F)(F)(C(F)(F)C(F)(F)F	-7.45	36.11	2.45	P	IN
QL01157	2,2,3,3,4,4,5,5,6,6,7,7-7-Tridecafluoro-N'-[[4-methylphenyl]methylidene]heptanehydrazide	445258-02-6	Cc1ccc(C=NNC(=O)C(F)(F)(C(F)(F)(C(F)(F)(F)C(F)(F)F)cc1	-8.35	32.50	2.96	P	OUT
QL01158	1-(Heptafluorooctyl)-4-methylbenzene	82396-51-8	Cc1ccc(cc1)C(F)(C(F)(F)(C(F)(F)(C(F)(F)C(F)(F)C(F)(F)F	-8.52	43.59	2.74	P	IN
QL01159	1-Methyl-4-(tridecafluorohexyl)benzene	128720-26-3	Cc1ccc(cc1)C(F)(C(F)(F)(C(F)(F)(C(F)(F)C(F)(F)F	-7.79	39.39	2.52	P	IN
QL01160	1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl)pyridinium toluene-p-sulphonate	61798-68-3	Cc1ccc(cc1S(=O)(=O)[O-].F(C(F)(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)C(C[n+]+)2ccccc2	-9.24	28.33	3.47	P	OUT

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QL01210	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iodododecane	99325-00-5	CCC(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	-8.62	47.37	2.69	P	IN
QL01211	5,5,6,6,7,7,7-Heptafluoroheptan-3-amine 4-{(2-[2,4-Bis(2-methylbutan-2-yl)phenoxy]butanamido)-2-hydroxy-N-(nonafluorobutyl)benzamide	679-00-5	CCC(N)CC(F)(F)C(F)(F)C(F)(F)F	-5.85	28.00	1.93	P	OUT
QL01212	Tetrapropylammonium perfluorooctanoate	94705-65-4	CCC(OC1ccc(cc1C(C)C)C)C(C)C(C)C(C)=O)Nc1ccc(C(=O)NC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.04	10.84	3.39	P	OUT
QL01213	5,5,6,6,7,7,7-Heptafluorohept-3-ene	277749-00-5	CCC[N+](CCC)(CCC)CCC.[O-]C[=O]C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.08	22.73	2.63	P	OUT
QL01214	Orthobutyric acid, heptafluoro-, cyclic ester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (11)	355-98-6	CCC=CC(F)(F)C(F)(F)C(F)(F)F	-6.20	33.33	1.95	P	IN
QL01215	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-(2-methylpropane-2-sulfonyl)benzoic acid	31185-68-9	CCC12COC(OC1)(OC2)C(F)(F)C(F)(F)C(F)(F)F	-6.39	22.58	2.32	P	OUT
QL01216	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-(2-methylpropane-2-sulfonyl)benzoic acid	1355555-26-8	Cc1c(ccc(c1S(=O)=O)=O)C(C)C(C)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.51	15.56	2.11	P	OUT
QL01217	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-(propane-2-sulfonyl)benzoic acid	1355555-15-5	Cc1c(ccc(c1S(=O)=O)=O)C(C)C(C)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.59	16.67	2.11	P	OUT
QL01218	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-(2-methylpropane-1-sulfonyl)benzoic acid	1355555-21-3	Cc1c(ccc(c1S(=O)=O)=O)CC(C)C(C)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.38	15.56	2.05	P	OUT
QL01219	3-(Ethanesulfonyl)-2-ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)benzoic acid	1355555-11-1	Cc1c(ccc(c1S(=O)=O)CC)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.67	17.95	2.12	P	OUT
QL01220	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-(2-methylpropane-2-sulfinyl)benzoic acid	1355555-05-3	Cc1c(ccc(c1S(=O)C(C)C(C)C)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.53	15.91	2.11	P	OUT
QL01221	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-(propane-2-sulfinyl)benzoic acid	1355554-94-7	Cc1c(ccc(c1S(=O)C(C)C(C)C)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.62	17.07	2.12	P	OUT
QL01222	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-(2-methylpropane-1-sulfinyl)benzoic acid	1355554-99-2	Cc1c(ccc(c1S(=O)CC(C)C(C)C)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.40	15.91	2.05	P	OUT
QL01223	3-(Ethanesulfinyl)-2-ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)benzoic acid	1355554-87-8	Cc1c(ccc(c1S(=O)CC)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.71	18.42	2.12	P	OUT
QL01224	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-(methanesulfonyl)benzoic acid	1355555-09-7	Cc1c(ccc(c1S(C)=O)=O)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.80	19.44	2.13	P	OUT
QL01225	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-(methanesulfinyl)benzoic acid	1355554-84-5	Cc1c(ccc(c1S(C)=O)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.83	20.00	2.13	P	OUT
QL01226	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-[[propan-2-yl)sulanyl]benzoic acid	1355554-70-9	Cc1c(ccc(c1SC(C)C(C)C)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.64	17.50	2.11	P	OUT
QL01227	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-[[2-methylpropyl)sulanyl]benzoic acid	1355554-74-3	Cc1c(ccc(c1SCC(C)C(C)C)C(F)(C(F)F)C(F)(F)C(F)(F)C(O)=O	-5.40	16.28	2.04	P	OUT
QL01228	3-(tert-Butylsulfonyl)-2-ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)benzoic acid	1355554-81-2	Cc1c(SC(C)C(C)C)cccc1C(O)=O)C(F)(C(F)F)C(F)(F)C(F)(F)F	-5.54	16.28	2.10	P	OUT
QL01229	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-3-(methylsulfonyl)benzoic acid	1355554-62-9	Cc1c(SC)ccccc1C(O)=O)C(F)(C(F)F)C(F)(F)F	-5.84	20.59	2.12	P	OUT
QL01230	2-Chloro-6-ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)aniline	1630969-89-9	Cc1ccc(cc(C)Cl)N(C(F)(C(F)F)C(F)(F)F	-5.64	27.59	1.85	P	OUT
QL01231	2-Ethyl-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)aniline N'-{[(4-Ethylphenyl)methyldiene]-2,2,3,3,4,4,5,5,6,6,7,7-tridecafluoroheptaneydiazide	273735-34-5	Cc1ccc(ccc1N)C(F)(C(F)F)C(F)(F)F	-5.44	24.14	1.85	P	OUT
QL01232	N-(2-Ethylphenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	445258-05-9	Cc1cccc(C=NCC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)Cc1	-8.46	30.23	3.06	P	OUT
QL01233	1,1,1,2,2,3,3-Hepthafluoroheptan-4-one	51814-65-4	Cc1cccc1NC(=O)C(F)(F)C(F)(F)F	-6.18	22.58	2.23	P	OUT
QL01234	2,2,3,3,4,4,4-Hepthafluorobutyl butanoate	425-22-9	CCCC(=O)C(F)(F)C(F)(F)C(F)(F)F	-6.07	31.82	1.93	P	OUT
QL01235	2,2,3,3,4,4,4-Hepthafluorobutyl butanoate	2926-44-5	CCCC(=O)OCC(F)(F)C(F)(F)C(F)(F)F	-6.43	26.92	2.23	P	OUT
QL01236	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Henicosafuorotridecane	1835251-22-3	CCCC(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	-8.95	51.22	2.73	P	IN
QL01237	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoroundecane	1835250-28-6	CCCC(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	-8.29	48.57	2.50	P	IN
QL01238	1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluorononane	NOCAS_871521	CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.48	44.83	2.23	P	IN
QL01239	1,1,1,2,2,3,3,4,4,5,5-Undecafluorooctane	1645298-12-9	CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.19	42.31	2.17	P	IN
QL01240	1,1,1,2,2,3,3,4,4-Nonafluoroheptane	154381-51-8	CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.43	39.13	1.91	P	IN
QL01241	1,2,4,5-Benzenetetracarboxylic acid, mixed 3-chloro-2-hydroxypropyl and -gamma--omega--perfluoro-C8-10-alkyl esters	68954-01-8	CCCC(F)(F)C(F)(F)C(F)(F)CCCC(C(C)COC(=O)c1cc(C(O)=O)cc1C(=O)OCC(O)CC)C(=O)OCC(O)CC	-8.28	11.11	3.49	P	OUT
QL01242	1,1,1,2,2,3,3-Hepthafluorohexane	678-98-8	CCCC(F)(F)C(F)(F)C(F)(F)F	-6.08	35.00	1.85	P	IN
QL01243	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-Pentadecafluoro-9-iodododecane	25431-48-5	CCCC(I)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.34	42.11	2.70	P	IN
QL01244	1,1,1,2,2,3,3-heptafluoroheptan-4-ol	425-21-8	CCCC(O)C(F)(F)C(F)(F)C(F)(F)F	-5.92	29.17	1.93	P	OUT
QL01245	N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate	124472-68-0	CCCC[N+](C)(CCCC)CCCC.[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	-7.15	23.29	2.65	P	OUT
QL01246	N,N-Dibutyl-N-methylbutan-1-aminium nonafluorobutane-1-sulfonate	124472-66-8	CCCC[N+](C)(CCCC)CCCC.[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-5.85	14.75	2.28	P	OUT
QL01247	Tetrabutylammonium perfluorooctanesulfonate	111873-33-7	CCCC[N+](CCCC)(CCCC)CCCC.[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.96	20.73	2.63	P	OUT
QL01248	N,N,N-Tributylbutan-1-aminium nonafluorobutane-1-sulfonate	108427-52-7	CCCC[N+](CCCC)(CCCC)CCCC.[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-5.82	12.86	2.32	P	OUT
QL01249	Perfluoro(4-[[4-ethyl-3,4-dimethylhex-2-en-2-yl]oxy])benzene-1-sulfonate tributylammonium	70729-63-4	CCCC[NH+](CCCC)CCCC.[O-]S(=O)(=O)C1=CC=C(C(OC1=CC(F)(F)C(C(F)F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)C(F)(F)C(F)(F)F)C(F)(F)F	-7.84	22.35	2.99	P	OUT
QL01250	Tetrabutylphosphonium perfluorobutanesulfonate	220689-12-3	CCCC[PH+](CCCC)(CCCC)CCCC.[O-]S(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-5.81	12.68	2.32	P	OUT
QL01251	1-(Butylselanyl)-2,2,3,3,4,4-heptafluorobutan-1-ol	1092379-04-8	CCCC[Se](O)C(F)(F)C(F)(F)C(F)(F)F	-6.43	25.00	2.28	P	OUT
QL01252	1,1,1,2,2,3,3-Heptafluorooct-4-ene	2707-72-4	CCCC=CC(F)(F)C(F)(F)C(F)(F)F	-6.44	29.17	2.17	P	OUT
QL01253	2-Ethylhexyl 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	340034-61-9	CCCC(C)COC(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.41	24.44	2.74	P	OUT

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QL01695	N,N-Dimethyl-3-((perfluorohexyl)ethylsulfonyl)aminopropanamine N-oxide	80475-32-7	CN(CCCC[NH+](O))S(=O)(=O)CCCC(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-7.92	26.53	2.91	P	OUT
QL01696	N-[4-(Dimethylamino)butyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanamide	118454-01-6	CN(C)CCCCNC(=O)C(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-8.33	31.91	2.96	P	OUT
QL01697	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl]](tridecafluoroethyl)sulfonyl]amino)-2-hydroxy-, monosodium salt	73772-32-4	CN(C)CCCN(CC(CS(=O)=O)(O))OS(=O)=O)C(C)(C)(C)(F)(F)(F)(F)(F)(F)(F)(F).[Na+]	-7.54	23.21	2.83	P	OUT
QL01698	1-((3-(Dimethylamino)propyl)amino)-(3-(perfluorooctyl))propan-2-ol	94159-81-6	CN(C)CCCNCC(O)CC(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-8.65	30.91	3.14	P	OUT
QL01699	Perfluorobutane sulfonamido amine	68555-77-1	CN(C)CCCSN(=O)=O)C(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-7.01	25.00	2.54	P	OUT
QL01700	62 Fluorotelomer sulfonamide amine	34455-22-6	CN(C)CCCSN(=O)=O)CCC(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-7.95	27.08	2.92	P	OUT
QL01701	1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoro-N,N-dimethylhexane-1-sulfonamide	1270179-82-2	CN(C)S(=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(F)	-7.32	41.94	2.24	P	IN
QL01702	N-{3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecyl)sulfonyl]-2-hydroxypropyl}-N-methylglycine	93128-66-6	CN(CC(O)SCCCC(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(F)CC(O)=O	-8.88	31.48	3.23	P	OUT
QL01703	Isooctanesulfonamide, heptadecafluoro-N-(2-hydroxyethyl)-N-methyl-	93894-65-6	CN(CCO)[S](=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(F)	-8.25	41.46	2.67	P	IN
QL01704	N-(2-hydroxyethyl)-N-methylperfluoro-2-methylpropanesulfonamide	93762-11-9	CN(CCO)[S](=O)=O)C(F)(F)(C)(F)(C)(F)(F)(C)(F)(F)	-6.48	31.03	2.14	P	OUT
QL01705	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5-undecafluoro-N-(2-hydroxyethyl)-N-methyl-	68555-74-8	CN(CCO)[S](=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)	-7.36	34.38	2.45	P	IN
QL01706	1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methyl-	34454-97-2	CN(CCO)[S](=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)	-6.71	31.03	2.24	P	OUT
QL01707	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-N-(2-hydroxyethyl)-N-methyl-	51619-73-9	CN(CCO)[S](=O)=O)CCC(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(F)	-7.85	31.71	2.75	P	OUT
QL01708	2-[(Heptadecafluorooctyl)((methyl)amino)ethyl prop-2-enoate	93491-54-4	CN(CCO)C(=O)C=C(F)(F)(C)(F)(C)(F)(F)(F)(F)(F)(C)(F)(F)(F)(F)	-8.69	38.64	2.95	P	OUT
QL01709	2-Propenoic acid, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl ester	67584-56-9	CN(CCO)C(=O)C=C[S](=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)	-7.72	28.95	2.76	P	OUT
QL01710	2-Propenoic acid, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl ester	67584-55-8	CN(CCO)C(=O)C=C[S](=O)=O)C(F)(F)(F)(F)(F)(C)(F)(F)(F)(F)(F)CCOP(O)(=O)OCCN[C](S)=O(=O)C(F)(F)(C)(F)(F)(C)(F)(F)	-7.42	25.71	2.71	P	OUT
QL01711	Bis[N-methyl(perfluorobutyl)sulfonamidoethyl]phosphoric acid	120945-47-3	F)C(F)(F)(C)(F)(F)F	-8.92	30.00	3.28	P	OUT
QL01712	2-[Methyl[(nonafluorobutyl)sulfonyl]amino]ethyl phosphate	147545-41-3	CN(CCO)P(O)(O)=O)S(=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)(F)	-7.05	26.47	2.52	P	OUT
QL01713	2,2,3,3,4,4,4-Heptafluoro-N-hydroxy-N-methylbutanamide	193008-44-5	CN(O)C(=O)C(F)(F)(C)(F)(C)(F)(F)(C)(F)F	-6.13	36.84	1.83	P	IN
QL01714	N,N-Dimethyl perfluorooctane sulfonamide	213181-78-3	CN(S(=O)(=O)C(F)(F)(F)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)=O)C	-8.16	45.95	2.51	P	IN
QL01715	1,1,2,2,3,3,4,4,4-Nonafluoro-N-methyl-N-(trimethylstannyl)butane-1-sulfonamide	41006-33-1	CN(S(=O)C(F)(F)(C)(F)(F)(F)(F)(F)(F)Sn(C)(C)C	-6.32	27.27	2.17	P	OUT
QL01716	Heptadecafluoro-N-methylisooctanesulphonamide	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)	-8.22	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-	68259-14-3	CN[S](=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(F)	-8.14	48.39	2.44	P	IN
QL01718	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-N-methyl-	68259-15-4	CN[S](=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)	-7.56	46.43	2.23	P	IN
QL01719	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-methyl-	68298-13-5	CN[S](=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)	-7.26	44.00	2.15	P	IN
QL01720	1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N-methyl-	68298-12-4	CN[S](=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)	-6.50	40.91	1.89	P	IN
QL01721	1-Methyl-2-(nonafluorobutyl)-1H-indole	1608112-35-1	Cn1cc(ccccc12)C(F)(F)(C)(F)(F)(C)(F)(F)	-6.60	29.03	2.25	P	OUT
QL01722	3,3,4,4,5,5-Heptafluoro-1-(3-methyl-1,3-benzothiazol-2(3H)-ylidene)pentan-2-one	41131-07-1	CN1C(Sc2ccccc12)=CC(=O)C(F)(F)(C)(F)(F)F	-6.57	22.58	2.40	P	OUT
QL01723	1H-Pyrrole, 1-methyl-2-(tridecafluoroethyl)-	64435-67-2	CN1C=CC=C1C(F)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)	-7.32	41.94	2.24	P	IN
QL01724	1-(1-Methyl-1H-indol-3-yl)thiolan-1-ium nonafluorobutane-1-sulfonate	867373-18-0	Cn1cc([S+](2CCCC2)C2ccccc12.[O-].[S](=O)=O)C(F)(F)(C)(F)(F)(C)(F)(F)	-5.48	18.75	2.01	P	OUT
QL01725	2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoro-1-(4-methylpiperazin-1-yl)heptan-1-one	560092-29-7	CN1CCN(CC1)C(=O)C(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)	-7.85	33.33	2.71	P	OUT
QL01726	2,2,3,3,4,4,4-Heptafluoro-1-(4-methylpiperazin-1-yl)butan-1-one	499975-92-7	CN1CCN(CC1)C(=O)C(F)(F)(C)(F)(F)	-6.31	23.33	2.27	P	OUT
QL01727	Heptadecafluorononanoic acid--N-methylmethanamine (1/1)	77032-24-7	CNC.OC(=O)C(F)(F)(F)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(F)	-8.55	43.59	2.76	P	IN
QL01728	2,3,3,3-Tetrafluoro-2-[[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoic acid--N-methylmethanamine (1/1)	328065-54-9	CNC.OC(=O)C(F)(OC(F)(F)(C)(F)(OC(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)	-8.32	41.46	2.71	P	IN
QL01729	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-Heptadecafluoro-N-methylnonanamide	314053-71-9	CNC(=O)C(F)(F)(F)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(F)	-8.47	51.52	2.51	P	IN
QL01730	N-Methylperfluorohexanamide	89932-74-1	CNC(=O)C(F)(F)(F)(F)(F)(C)(F)(F)(C)(F)(F)	-7.68	48.15	2.24	P	IN
QL01731	2,2,3,3,4,4,5,5-Nonafluoro-N-methylpentanamide	115585-00-7	CNC(=O)C(F)(F)(F)(F)(F)(C)(F)(F)	-6.65	42.86	1.90	P	IN
QL01732	2,2,3,3,4,4,4-Heptafluoro-N-methylbutanamide	4314-42-5	CNC(=O)C(F)(F)(F)(F)(F)	-6.27	38.89	1.84	P	IN
QL01733	3,3,4,4,5,5,6,6-Nonafluoro-2-hydroxy-N,N''-dimethylnorleucinamide	107070-94-0	CNC(=O)C(O)(NC(C)(F)(F)(C)(F)(F)(C)(F)(F)	-6.45	30.00	2.15	P	OUT
QL01734	4-(Heptadecafluorooctyl)-N-methylbenzamide	89932-69-4	CNC(=O)C1=CC=C(C=C1)C(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-8.74	39.53	2.95	P	IN
QL01735	N-Methyl-4-(nonafluorobutyl)aniline	1426840-85-8	CNc1ccc(cc1)C(F)(F)(F)(F)(C)(F)(F)	-7.20	31.03	2.47	P	OUT
QL01736	5-(Heptafluoropropyl)-N,1-dimethyl-1H-1,2,4-triazol-3-amine	714975-28-7	CNc1nc(n(C)n1)C(F)(F)(F)(F)(F)	-6.34	28.00	2.16	P	OUT
QL01737	5-(Heptafluoropropyl)-N-methyl-1,3,4-oxadiazol-2-amine	714975-29-8	CNc1nnc(o1)C(F)(F)(F)(F)(F)	-6.71	33.33	2.18	P	IN
QL01738	2,2,3,3,4,4,4-Heptafluoro-N-methylbutan-1-amine	755-42-0	CNCC(F)(F)(F)(F)(C)(F)(F)	-6.19	36.84	1.85	P	IN
QL01739	methyl-(7,7,8,8,9,9,10,10,10-nonafluorodecyl)amine	228569-98-0	CNCCCCC(F)(F)(C)(F)(F)(F)(C)(F)(F)	-7.27	24.32	2.68	P	OUT
QL01740	N-Methyl-4-[3,4,4,4-tetrafluoro-3-(trifluoromethyl)butane-1-sulfonyl]butan-1-amine	1353009-38-7	CNCCCCS(=O)=O)CCC(F)(C)(F)(F)(C)(F)(F)	-6.37	18.92	2.41	P	OUT

QL01741	Silane, trimethoxy(3,3,4,4,5,5,6,6-nonafluorohexyl)- (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12- Henicosafluorododecyl)trimethoxysilane		CO[S](CCCC(C)(C)(F)(F)(F)(F)(F)(F)(OC)OC	-6.37	25.71	2.23	P	OUT
QL01742		123445-18-1	CO[S](CCCC(F)(C)(F)(F)(C)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(OC)OC	-8.71	39.62	2.93	P	IN
QL01743	1H,1H,2H,2H-Perfluoroedecyltrimethoxysilane	83048-65-1	CO[S](CCCC(F)(C)(F)(F)(C)(F)(C)(F)(C)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(OC)OC	-8.08	36.17	2.73	P	OUT
QL01744	1,6-bis(trimethoxysilyl)perfluorohexane	94403-04-0	CO[S](CCC(F)(F)(C)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(C)[S](OC)[OC]OC)[OC]OC	-7.36	19.35	2.85	P	OUT
QL01745	(3,3,4,4,5,5,5-Heptafluoropentyl)trimethoxysilane	109134-39-6	CO[S](CCC(F)(F)(C)(F)(C)(F)(F))OC	-5.84	21.88	2.09	P	OUT
QL01746	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl [3-(trimethoxysilyl)propyl]carbamate	1421688-36-9	CO[S](CCCN(C=O)OCCC(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(C)(F)(F)(OC)OC	-8.11	23.64	3.08	P	OUT
QL01747	3-(Heptafluoroisopropoxy)propyltrimethoxysilane	19116-61-1	CO[S](CCCOC(F)(C)(F)(F)(C)(F)(F))(OC)OC	-5.52	19.44	2.01	P	OUT
QL01748	[3-(Heptafluoropropoxy)propyl]trimethoxysilane	903890-42-6	CO[S](CCCO(C)(F)(C)(F)(F)(F)(F)(OC)OC	-6.25	19.44	2.34	P	OUT
QL01749	Methyl 4,4,5,5,6,6-heptafluoro-2-methylidenehexanoate	88021-90-3	COC(=O)C=C(C)(F)(F)(C)(F)(F)	-6.36	29.17	2.13	P	OUT
QL01750	Methyl 3,3,4,4,5,5,6,6-nonafluoro-2-oxohexanoate	74067-16-6	COC(=O)C(=O)(C)(F)(C)(F)(C)(F)(C)(F)F	-7.15	40.91	2.18	P	IN
QL01751	Methyl 5-cyano-α-(perfluoropropyl)ethylsulfinyl-α,β-dimethyl-3-thiophenepropanoate	1137678-56-8	COC(=O)C(C)(C)(C)=CSC(=C1)C#N)S(=O)CCCC(F)(C)(F)(C)(F)(F	-6.94	15.56	2.76	P	OUT
QL01752	Methyl 4,4,5,5,6,6-heptafluoro-2-methylhex-2-enoate	88021-94-7	COC(=O)C(C)=CC(F)(F)(C)(F)(F)	-6.36	29.17	2.13	P	OUT
QL01753	Hexanoic acid, 4,4,5,5,6,6,6-heptafluoro-2-methyl-, methyl ester	88021-93-6	COC(=O)C(C)(C)(F)(F)(C)(F)(F)F	-6.23	26.92	2.13	P	OUT
QL01754	Methyl 2-(heptafluoropropyl)-2-(trifluoromethyl)pent-4-en-1-	83846-71-3	COC(=O)C(CC=C(C)(F)(F)(C)(F)(F)(C)(F)(C)(F)F	-5.95	33.33	1.84	P	IN
QL01755	Methyl 2-chloro-3,3,4,4,5,5,6,6-nonafluorohexanoate	116356-70-8	COC(=O)C(C)(C)(F)(F)(F)(F)(C)(F)(F)F	-7.29	43.48	2.18	P	IN
QL01756	Methyl tetrafluoro-2-(trifluoromethyl)propionate	680-05-7	COC(=O)C(F)(C)(F)(C)(F)F	-5.51	41.18	1.43	P	IN
QL01757	Methyl perfluorooctadecanoate	16753-33-6	COC(=O)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) (F)(C)(F)(C)(F)(F)(C)(F)(C)(F)F	-10.82	59.32	3.38	P	OUT
QL01758	Methyl perfluorohexadecanoate	165457-57-8	COC(=O)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)(C)(F)(C)(F)(F)F	-10.46	58.49	3.23	P	OUT
QL01759	Methyl perfluoropentadecanoate	203303-00-8	COC(=O)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)(C)(F)(C)(F)F	-10.17	58.00	3.11	P	OUT
QL01760	Methyl perfluorotetradecanoate	203302-99-2	COC(=O)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)(C)(F)F	-10.04	57.45	3.07	P	OUT
QL01761	Methyl pentacosafuorotridecanoate	185230-63-1	COC(=O)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)F	-9.72	56.82	2.94	P	OUT
QL01762	Methyl Perfluorododecanoate	56554-52-0	COC(=O)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)F	-9.57	56.10	2.89	P	OUT
QL01763	Methyl perfluoroundecanoate	203302-98-1	COC(=O)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)F	-9.19	55.26	2.74	P	IN
QL01764	Methyl Perfluorodecanoate	307-79-9	COC(=O)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)F	-9.01	54.29	2.68	P	IN
QL01765	Methyl Perfluorononanoate	51502-45-5	COC(=O)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)F	-8.56	53.13	2.51	P	IN
QL01766	Methyl perfluorooctanoate	376-27-2	COC(=O)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)F	-8.34	51.72	2.45	P	IN
QL01767	Methyl perfluoroheptanoate	14312-89-1	COC(=O)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)F	-7.78	50.00	2.24	P	IN
QL01768	Methyl perfluorohexanoate	424-18-0	COC(=O)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)F	-7.51	47.83	2.17	P	IN
QL01769	Methyl nonafluorovalerate	13038-26-1	COC(=O)C(F)(C)(F)(C)(F)(C)(F)(C)(F)F	-6.77	45.00	1.90	P	IN

[illegible]

[illegible]

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(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.53	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)C(F)(F)F	-6.46	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)(F)C(F)(F)C(F)(F)C1(F)F	-7.97	66.67	1.88	P	OUT
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)(F)C2(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C12F	-8.15	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)(F)C(F)(F)C2(F)C(F)(F)C(F)(F)C(F)(F)C2(F)C1(F)F	-8.63	65.00	2.23	P	IN
QL02187	2H-Perfluoro(2-methylpentane)	30320-28-6	FC(F)(F)C(C(F)(F)F)C(F)(F)C(F)(F)C(F)(F)F	-7.51	65.00	1.71	P	OUT
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)F)=C1CCCC1	-6.59	33.33	2.13	P	IN
QL02189	Hexafluoro-2,2,3,3-tetrachlorobutane	375-34-8	FC(F)(F)C(Cl)(Cl)C(Cl)(Cl)C(F)(F)F	-7.30	71.43	1.45	P	OUT
QL02190	1,2-Dibromohexafluoropropane	661-95-0	FC(F)(F)C(F)(Br)C(F)(F)Br	-7.10	72.73	1.32	P	OUT
QL02191	Bis(perfluoroisopropyl)ketone	813-44-5	FC(F)(F)C(F)(C(=O)C(F)(F)C(F)(F)C(F)(F)F)	-7.14	63.64	1.58	P	OUT
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(=O)C(F)(F)C(F)(F)C(F)(F)F)	-7.33	63.16	1.68	P	OUT
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=C1C(F)(F)F)	-5.87	30.43	1.88	P	OUT
QL02194	1-(4-Chlorophenyl)-2,3,3,3-tetrafluoro-2-(trifluoromethyl)propan-1-one	56041-73-7	FC(F)(F)C(F)(C(=O)c1ccc(Cl)cc1)C(F)(F)F	-6.65	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(=O)OCc1ccccc1)C(F)(F)F	-6.22	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(=O)OOC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-7.46	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(Br)=C(C(F)(F)F)F)	-5.79	53.33	1.24	P	IN
QL02198	Perfluoro-2,3-dimethylbutane	354-96-1	FC(F)(F)C(F)(C(F)(F)F)C(F)(F)C(F)(F)F	-6.88	70.00	1.30	P	OUT
QL02199	Heptane, 1,1,1,2,3,3,4,5,5,6,6,7,7,7-tridecafluoro-2,4,6-tris(trifluoromethyl)-	84808-63-9	FC(F)(F)C(F)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-8.42	68.75	2.03	P	OUT
QL02200	Perfluoro-2,7-dimethyloctane	3021-63-4	FC(F)(F)C(F)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-8.66	68.75	2.14	P	OUT
QL02201	Perfluoro-2,9-dimethyldecane	103188-55-2	FC(F)(F)C(F)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)	-9.28	68.42	2.43	P	OUT
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)(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)	-9.80	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)(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)CCI)	-9.36	58.54	2.73	P	OUT
QL02204	2-(Perfluoro-7-methyloctyl)ethyl iodide	40678-31-7	FC(F)(F)C(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)CCI)	-8.77	57.14	2.50	P	IN
QL02205	2-[2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoro-6-(trifluoromethyl)heptyl]oxirane	24564-77-0	FC(F)(F)C(F)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1CO1)	-7.61	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)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)CCI)	-8.04	55.17	2.22	P	IN
QL02207	3,3,4,4,5,5,6,6,7,8,8-Dodecafluoro-7-(trifluoromethyl)octyl prop-2-enoate	50836-65-2	FC(F)(F)C(F)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)CCOC(=O)C=C	-8.27	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)	-8.07	69.57	1.85	P	OUT
QL02209	3,3,4,4,5,5,6,6-Octafluoro-5-(trifluoromethyl)hex-1-ene	139060-76-7	FC(F)(F)C(F)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C=C	-6.91	52.38	1.77	P	IN
QL02210	3-(Perfluoro-3-methylbutyl)-1,2-propenoxide	54009-81-3	FC(F)(F)C(F)(C(F					

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QLO2292	1-(3,5-Dibromophenyl)-2,2,3,4,4,4-heptafluorobutan-1-one	79851-20-0	FC(F)C(F)C(F)C(F)C(=O)C1=CC(Br)=CC(Br)=C1	-6.96	39.13	2.15	P	IN
QLO2293	2,2,3,3,4,4,4-heptafluoro-1-phenylbutan-1-one	559-91-1	FC(F)C(F)C(F)C(F)C(=O)C1=CC=CC=C1	-6.51	30.43	2.17	P	OUT
QLO2294	2-(2,2,3,3,4,4,4-Heptafluorobutanoyl)cyclopentan-1-one	141478-83-3	FC(F)C(F)C(F)C(F)C(=O)O1CCCCC1=O	-5.79	28.00	1.91	P	OUT
QLO2295	2-(2,2,3,3,4,4,4-Heptafluorobutanoyl)cyclohexan-1-one	37172-87-5	FC(F)C(F)C(F)C(F)C(=O)O1CCCCC1=O	-6.15	25.00	2.15	P	OUT
QLO2296	5H,5H-Perfluoro-4,6-nonanedione 4,4''-Bis(perfluoropropyl)-1,3-dioxopropyl-o-terphenyl-4'-sulfonyl chloride	113116-18-0 200862-70-0	FC(F)C(F)C(F)C(F)C(=O)CC(=O)C1=CC=C(C=C1)C1=C(C=C(C=C1))S(Cl)(=O)=O)C1=CC=C(C=C1)C1=CC(=O)C(F)C(F)F	-8.21	51.85	2.38	P	IN
QLO2297	4,4,5,5,6,6,6-Heptafluoro-1-phenylhexane-1,3-dione	53580-21-5	FC(F)C(F)C(F)C(F)C(=O)CC(=O)C1=CC=CC=C1	-8.92	22.39	3.48	P	OUT
QLO2298	4,4,5,5,6,6,6-Heptafluoro-1-(furan-2-yl)hexane-1,3-dione	595-26-6	FC(F)C(F)C(F)C(F)C(=O)CC(=O)C1=CC=CC=C1	-6.76	25.00	2.43	P	OUT
QLO2299	(Perfluorobutyryl)-2-thenoxymethane	559-94-4	FC(F)C(F)C(F)C(F)C(=O)CC1=CC=CC=C1	-6.53	28.00	2.24	P	OUT
QLO2300	3,3,4,4,5,5,5-Heptafluoro-1-phenylpentan-2-one	559-96-6	FC(F)C(F)C(F)C(F)C(=O)CC1=CC=CC=C1	-6.48	26.92	2.25	P	OUT
QLO2302	3,3,4,4,5,5,5-Heptafluoro-1-pyridin-2-ylpentan-2-one	336-60-7	FC(F)C(F)C(F)C(F)C(=O)CC1=CC=CC=N1	-6.54	28.00	2.25	P	OUT
QLO2303	N,N-Dicyclohexyl-2,2,3,3,4,4,4-heptafluorobutanamide	386-84-5	FC(F)C(F)C(F)C(F)C(=O)N1CCCCC1C1CCCCC1	-5.69	14.89	2.21	P	OUT
QLO2304	N,N-Dichloro-2,2,3,3,4,4,4-heptafluorobutanamide	86451-48-1	FC(F)C(F)C(F)C(F)C(=O)N(Cl)Cl	-7.46	60.00	1.83	P	IN
QLO2305	1-(Heptafluorobutanyl)imidazole	32477-35-3	FC(F)C(F)C(F)C(F)C(=O)N1C=C-CN=1	-6.23	35.00	1.92	P	IN
QLO2306	N-Heptafluorobutylproline	56236-41-0	FC(F)C(F)C(F)C(F)C(=O)N1CCCC[C@H]1C(=O)	-6.41	29.63	2.15	P	OUT
QLO2307	1-(2,3-Dihydro-1H-indol-1-yl)-2,2,3,3,4,4,4-heptafluoro-1-butanone	543708-46-9	FC(F)C(F)C(F)C(F)C(=O)N1CCC2=CC=CC=C12	-6.31	24.14	2.24	P	OUT
QLO2308	2,2,3,3,4,4,4-heptafluoro-1-pyrrolidin-1-ylbutan-1-one	424-54-4	FC(F)C(F)C(F)C(F)C(=O)N1CCCC1	-5.82	28.00	1.92	P	OUT
QLO2309	2,2,3,3,4,4,4-Heptafluoro-1-(piperidin-1-yl)butan-1-one	425-19-4	FC(F)C(F)C(F)C(F)C(=O)N1CCCCC1	-6.20	25.00	2.17	P	OUT
QLO2310	1,1'-(Piperazine-1,4-diyl)bis[heptafluorobutan-1-one] 1-[4-{[2H-1,3-Benzodioxol-5-yl)methyl]piperazin-1-yl}-2,2,3,3,4,4,4-heptafluorobutan-1-one	120219-50-3 546063-97-2	FC(F)C(F)C(F)C(F)C(=O)N1CCN(CC1)C(=O)C(F)C(F)C(F)C(F)F	-8.02	36.84	2.69	P	IN
QLO2311	2,2,3,3,4,4,4-Heptafluoro-1-(piperazin-1-yl)butan-1-one	89245-13-6	FC(F)C(F)C(F)C(F)C(=O)N1CCNCC1	-7.28	16.28	2.89	P	OUT
QLO2312	2,2,3,3,4,4,4-Heptafluoro-1-(morpholin-4-yl)butan-1-one	425-20-7	FC(F)C(F)C(F)C(F)C(=O)N1CCOCC1	-6.25	25.93	2.17	P	OUT
QLO2314	N,N'-1,3-Phenylenabis(perfluorobutanamide) Butanamide, N,N'-[1,1'-biphenyl]-4,4'-diylbis[2,2,3,3,4,4,4-heptafluoro-	524726-48-5 75042-07-8	FC(F)C(F)C(F)C(F)C(=O)NC1=CC(NC(=O)C(F)C(F)C(F)C(F)F)=CC=C1 FC(F)C(F)C(F)C(F)C(=O)NC1=CC=C(C=C1)C1=CC=C(NC(=O)C(F)C(F)C(F)C(F)F)=C1	-6.31 -8.34	26.92 36.84	2.17 2.83	P	OUT
QLO2315			FC(F)C(F)C(F)C(F)C(=O)NC1=CC=C(C=C1)C1=CC=C(C=C1)C(=O)C(F)C(F)C(F)C(F)C(=O)C1	-8.65	29.17	3.18	P	OUT
QLO2316	N,N'-(Methylene-1,4-phenylene)bis(perfluorobutanamide)	124232-75-3	FC(F)C(F)C(F)C(F)C(=O)NC1=CC=C(C=C1)C(=O)C(F)C(F)C(F)C(F)C(=O)C1	-8.75	27.45	3.27	P	OUT
QLO2317	N,N'-1,4-Phenylenabis(perfluorobutanamide)	524726-49-6	FC(F)C(F)C(F)C(F)C(=O)NC1=CC=C(NC(=O)C(F)C(F)C(F)C(F)C(=O)C1	-8.39	36.84	2.86	P	OUT
QLO2318	Al 3-18011	336-61-8	FC(F)C(F)C(F)C(F)C(=O)NC1=CC=C(C=C1)	-6.54	28.00	2.25	P	OUT
QLO2319	Thiobenzyll-N-heptafluorobutylranthanilate	82422-25-1	FC(F)C(F)C(F)C(F)C(=O)NC1=CC=C(C=C1)C(=O)SCC1=CC=CC=C1	-7.31	17.07	2.89	P	OUT
QLO2320	N-2-Pyridinylperfluorobutanamide	283172-09-8	FC(F)C(F)C(F)C(F)C(=O)NC1=CC=CC=N1	-6.61	29.17	2.25	P	OUT
QLO2321	2,2,3,3,4,4,4-Heptafluoro-N-(2-oxo-2,3-dihydropyrimidin-4-yl)butanamide	94720-20-4	FC(F)C(F)C(F)C(F)C(=O)NC1=CC=NC(=O)N1	-6.60	29.17	2.24	P	OUT
QLO2322	(2-Naphthalenyl)perfluorobutanamide	582-00-3	FC(F)C(F)C(F)C(F)C(=O)NC1=CC2=CC=CC=C2C=C1	-6.83	22.58	2.52	P	OUT
QLO2323	N-(2,6-Dichlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	121806-69-7	FC(F)C(F)C(F)C(F)C(=O)Nc1c(Cl)cccc1Cl	-6.90	36.00	2.20	P	IN
QLO2324	2,2,3,3,4,4,4-Heptafluoro-N-(2,4,5-trichlorophenyl)butanamide	121806-70-0	FC(F)C(F)C(F)C(F)C(=O)Nc1cc(Cl)c(Cl)cc1Cl	-7.59	40.00	2.41	P	IN
QLO2325	N-(2,5-Dichlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	121806-67-5	FC(F)C(F)C(F)C(F)C(=O)Nc1cc(Cl)ccc1Cl	-6.96	36.00	2.23	P	IN
QLO2326	N-(4-Bromophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	308-67-8	FC(F)C(F)C(F)C(F)C(=O)Nc1ccc(Br)cc1	-7.19	32.00	2.44	P	OUT
QLO2327	N-(4-Chlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	79497-98-6	FC(F)C(F)C(F)C(F)C(=O)Nc1ccc(Cl)cc1	-7.19	32.00	2.44	P	OUT
QLO2328	N-(2,4-Dichlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	121806-66-4	FC(F)C(F)C(F)C(F)C(=O)Nc1ccc(Cl)cc1Cl	-7.37	36.00	2.42	P	IN
QLO2329	N-(3-Chlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	106376-36-7	FC(F)C(F)C(F)C(F)C(=O)Nc1cccc(Cl)c1	-6.76	32.00	2.24	P	OUT
QLO2330	N-(2,3-Dichlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	121806-68-6	FC(F)C(F)C(F)C(F)C(=O)Nc1cccc(Cl)c1Cl	-6.96	36.00	2.23	P	IN
QLO2331	N-(9,10-Dioxo-9,10-dihydroanthracen-1-yl)-2,2,3,3,4,4,4-heptafluorobutanamide	162441-56-7	FC(F)C(F)C(F)C(F)C(=O)Nc1cccc2C(=O)c3cccc3C(=O)c12	-6.94	18.92	2.67	P	OUT
QLO2332	N-Cyclohexyl-2,2,3,3,4,4,4-heptafluorobutanamide	56663-38-8	FC(F)C(F)C(F)C(F)C(=O)NC1CCCCC1	-6.23	22.58	2.25	P	OUT
QLO2333	N-(2-Chlorophenyl)-2,2,3,3,4,4,4-heptafluorobutanamide	121806-65-3	FC(F)C(F)C(F)C(F)C(=O)Nc1cccc(Cl)c1	-6.73	32.00	2.23	P	OUT
QLO2334	2,2,3,3,4,4,4-Heptafluoro-N-(2-iodophenyl)butanamide	378215-44-2	FC(F)C(F)C(F)C(F)C(=O)Nc1cccc(Cl)c1	-6.73	32.00	2.23	P	OUT
QLO2335	(1R-trans)-N,N'-1,2-Cyclohexanediylbis(perfluorobutanamide)	133964-60-0	FC(F)C(F)C(F)C(F)C(=O)N1CCCCC1NC(=O)C(F)C(F)C(F)C(F)F	-7.82	31.82	2.73	P	OUT
QLO2336	2,2,3,3,4,4,4-Heptafluoro-N-(1H-1,2,4-triazol-5-yl)butanamide	70501-47-2	FC(F)C(F)C(F)C(F)C(=O)Nc1Nnnc1	-6.68	33.33	2.17	P	IN
QLO2337	Allylperfluorobutanamide	24429-61-6	FC(F)C(F)C(F)C(F)C(=O)NCC=C	-6.66	31.82	2.20	P	OUT
QLO2338	N-(Phenylmethyl)perfluorobutanamide	560-02-1	FC(F)C(F)C(F)C(F)C(=O)NCc1=CC=CC=C1	-6.75	25.00	2.42	P	OUT
QLO2339	2,2,3,3,4,4,4-Heptafluoro-N-(2-phenylethyl)butanamide	29723-29-3	FC(F)C(F)C(F)C(F)C(=O)NCCC1=CC=CC=C1	-6.75	22.58	2.49	P	OUT
QLO2340	2,2,3,3,4,4,4-Heptafluoro-N-(3-phenylpropyl)butanamide	77970-73-1	FC(F)C(F)C(F)C(F)C(=O)NCCCC1CCCCC1	-6.98	20.59	2.64	P	OUT
QLO2341	N,N'-bis(Perfluorobutanoyl)1,6-hexanediamine	123665-83-8	FC(F)C(F)C(F)C(F)C(=O)NCCCCCCCNC(=O)C(F)C(F)C(F)C(F)F	-8.29	30.43	2.98	P	OUT
QLO2342	N,N'-bis(Perfluorobutanoyl)1,5-pentanediamine	1814-80-8	FC(F)C(F)C(F)C(F)C(=O)NCCCCCNC(=O)C(F)C(F)C(F)C(F)F	-8.31	32.56	2.94	P	OUT
QLO2343	N,N'-bis(Perfluorobutanoyl)1,4-butanediamine	2967-59-1	FC(F)C(F)C(F)C(F)C(=O)NCCCCCNC(=O)C(F)C(F)C(F)C(F)F	-8.20	35.00	2.82	P	OUT
QLO2344	n-(2-chloroethyl)-2,2,3,3,4,4,4-heptafluorobutanamide	4314-29-8	FC(F)C(F)C(F)C(F)C(=O)NCCCl	-7.02	38.10	2.20	P	IN
QLO2345	N,N'-bis(Perfluorobutanoyl)1,3-propanediamine	149981-59-9	FC(F)C(F)C(F)C(F)C(=O)NCCNCNC(=O)C(F)C(F)C(F)C(F)F	-8.25	37.84	2.77	P	IN
QLO2346	ST50925188	86273-64-5	FC(F)C(F)C(F)C(F)C(=O)NCCNC(=O)C(F)C(F)C(F)C(F)F	-8.17	41.18	2.65	P	IN
QLO2347	N-Benzylidene-2,2,3,3,4,4,4-heptafluorobutanehydrazide 2,2,3,3,4,4,4-Heptafluoro-N'-[pyridin-4-yl)methylidene]butanehydrazide	736-62-9 109373-81-1	FC(F)C(F)C(F)C(F)C(=O)NN=C1CCCC1	-6.89 -6.95	25.00 25.93	2.49	P	OUT
QLO2348	2,2,3,3,4,4,4-heptafluoro-n'-(2,2,3,3,4,4,4-heptafluorobutanoyl)butanehydrazide	648-19-1	FC(F)C(F)C(F)C(F)C(=O)NNC(=O)C(F)C(F)C(F)C(F)F	-8.25	50.00	2.45	P	IN
QLO2349	2,2,3,3,4,4,4-Heptafluoro-N'-phenylbutanehydrazide	77146-66-8	FC(F)C(F)C(F)C(F)C(=O)NNc1cccc1	-6.80	25.93	2.42	P	OUT
QLO2350	4-Chlorophenyl (2,2,3,3,4,4,4-heptafluorobutanoyl)sulfamate	1443258-17-0	FC(F)C(F)C(F)C(F)C(=O)NS(=O)(=O)Oc1cccc(Cl)cc1	-7.47	27.59	2.68	P	OUT
QLO2352	Heptafluorobutanoic anhydride 1,1,1,3,3,3-Hexafluoro-2-(trifluoromethyl)propan-2-yl heptafluorobutanoate	NOCAS_861881 922168-38-5	FC(F)C(F)C(F)C(F)C(=O)OC(=O)C(F)C(F)C(F)C(F)F	-8.45	56.00	2.38	P	IN
QLO2353				-7.85	61.54	1.96	P	IN
QLO2354	Vinyl perfluorobutyrate	356-28-5	FC(F)C(F)C(F)C(F)C(=O)OC(C)=C	-6.48	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(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.60	25.00	3.27	P	OUT
QL02356	bis(heptafluorobutyl)peroxide	336-64-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.48	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(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.31	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(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.54	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(F)(Br)(C(F)(F)C(F)(F)F	-7.81	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(F)(Br)C	-6.28	53.33	1.46	P	IN
QL02361	heptafluorobutanyl bromide	375-13-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(Br)O	-6.75	61.54	1.46	P	OUT
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(F)(Br)CBr	-7.08	52.94	1.84	P	IN
QL02363	1,1,1,2,2,3,3,5,6,6,6-Undecafluoro-4,4,4-tris(trifluoromethyl)hexane	86714-23-0	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.90	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(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.59	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(F)(F)C(F)(F)F	-6.83	54.17	1.69	P	IN
QL02366	1-bromo-4,4,5,5,6,6,6-heptafluoro-3,3-bis(trifluoromethyl)hex-1-ene	128454-94-4	FC(F)(F)C(F)(F)C(F)(F)C(C=CBr)(C(F)(F)C(F)(F)F	-7.29	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)F	-7.14	46.43	2.04	P	IN
QL02368	4,4,5,5,6,6,6-heptafluoro-1-iodo-3,3-bis(trifluoromethyl)hex-1-ene (Perfluoropropyl)-2-(2-phenylhydrazinylidene)ethanal phenylhydrazone	126681-21-8	FC(F)(F)C(F)(F)C(F)(F)C(C=CI)(C(F)(F)C(F)(F)F	-7.29	58.33	1.79	P	IN
QL02369	2,2'-(2,2,3,3,4,4,4-Heptafluorobutane-1,1-diyl)di(1H-pyrrole) (6E)-1,1,1,2,2,3,3,10,10,11,11,12,12-Tetradecafluoro-4,4,9,9-tetrakis(trifluoromethyl)dodec-6-ene	57912-15-9	FC(F)(F)C(F)(F)C(F)(F)C(C=NCC1=CC=CC=C1)=NCC1=CC=CC=C1	-6.85	17.07	2.68	P	OUT
QL02370	2,2'-(2,2,3,3,4,4,4-Heptafluorobutane-1,1-diyl)di(1H-pyrrole) (6E)-1,1,1,2,2,3,3,10,10,11,11,12,12-Tetradecafluoro-4,4,9,9-tetrakis(trifluoromethyl)dodec-6-ene	164792-01-2	FC(F)(F)C(F)(F)C(F)(F)C(C1NCCC1)C1NCCC1	-5.45	23.33	1.87	P	OUT
QL02371	Bis(4-[3,3,4,4,5,5,5-heptafluoro-2,2-bis(trifluoromethyl)pentyl]phenyl)phosphane	1946796-71-9	FC(F)(F)C(F)(F)C(F)(F)C(C1=CC=C(C=C1)P(C1=CC=CC=C1)C1=CC=C(C(F)(F)F)C(F)(F)F	-8.29	54.17	2.35	P	IN
QL02372	1-Bromo-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(C1=CC=C(C=C1)P(C1=CC=CC=C1)C1=CC=C(C(F)(F)F)C(F)(F)F	-8.69	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(C1ccccc1Br)C1(C(F)(F)C(F)(F)F	-7.38	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(C1ccccc1)P(C1ccccc1)C(C(F)(F)C(F)(F)F)C(F)(F)C(F)(F)F	-8.81	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(C1CO1)(C(F)(F)C(F)(F)F	-6.65	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(CCBBr)(C(F)(F)C(F)(F)F	-7.03	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	-7.03	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(F)(F)C(F)(F)F	-7.81	70.00	1.72	P	OUT
QL02379	Trichloroheptafluorobutane	28984-80-7	FC(F)(F)C(F)(F)C(F)(F)C(Cl)C(Cl)C(Cl)	-7.30	71.43	1.45	P	OUT
QL02380	Heptafluorobutyl Chloride	375-16-6	FC(F)(F)C(F)(F)C(F)(F)C(Cl)O	-6.75	61.54	1.46	P	OUT
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)C(Cl)	-7.08	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							

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

QL02880	[(Tridecafluorohexyl)sulfanyl]benzene	69127-72-6	FC(F)(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)SC1=CC=CC=C1	-7.94	41.94	2.52	P	IN
QL02881	Tridecafluorohexanesulphenyl chloride	89987-98-4	FC(F)(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)S(Cl)	-8.57	66.67	2.15	P	OUT
QL02882	Bis(tridecafluorohexyl) disulphide	93962-52-8	FC(F)(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)SSC(F)(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-10.10	65.00	2.90	P	OUT
QL02883	Pentadecafluoro-2-iodoheptane	24394-25-0	FC(F)(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(I)C(F)F	-8.73	69.57	2.15	P	OUT
QL02884	Undecafluorohexanenitrile	23790-49-0	FC(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C#N	-7.67	61.11	1.89	P	IN
QL02885	3,3,4,4,5,5,6,6,7,7,7-Undecafluorohept-1-ene	84100-13-0	FC(F)(F)C(F)C(F)C(F)C(F)C(F)C(F)C=C	-7.17	52.38	1.89	P	IN
QL02886	2,2,3,3,4,4,5,5,6,6-Undecafluorohexanal	754-79-0	FC(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C=O	-7.49	57.89	1.89	P	IN
QL02887	5-(Undecafluoropentyl)-1H-imidazole	113934-18-2	FC(F)(F)C(F)C(F)C(F)C(F)C(F)C(F)C1=CN=CN1	-7.39	45.83	2.17	P	IN
QL02888	2,4,6-Tris(undecafluoropentyl)-1,3,5-triazine	23790-50-3	FC(F)C					

[illegible]

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	-6.64	20.00	2.51	P	OUT
	-6.95	37.50	2.18	P	IN
	-6.74	31.03	2.26	P	OUT
	-7.08	37.50	2.24	P	IN
	-6.92	28.13	2.42	P	OUT
	-6.87	33.33	2.26	P	IN
	-6.87	33.33	2.26	P	IN
	-7.38	34.62	2.45	P	IN
	-7.27	32.14	2.47	P	OUT
	-7.49	36.00	2.47	P	IN
	-6.65	33.33	2.16	P	IN
	-6.26	36.00	1.91	P	IN
	-6.65	42.86	1.91	P	IN
	-6.77	32.14	2.24	P	OUT
	-6.69	47.37	1.81	P	IN
	-7.15	40.91	2.18	P	IN
	-6.84	33.33	2.24	P	IN
	-6.80	32.14	2.26	P	OUT
	-7.27	29.03	2.55	P	OUT
	-6.56	22.50	2.40	P	OUT
	-7.21	52.63	1.90	P	IN
	-8.12	45.45	2.51	P	IN
	-8.05	43.75	2.52	P	IN
	-8.00	53.85	2.23	P	IN
	-7.59	46.15	2.25	P	IN
	-7.63	41.38	2.39	P	IN
	-6.82	23.81	2.49	P	OUT
	-9.98	61.36	2.94	P	OUT
	-8.87	59.38	2.49	P	IN
	-6.91	27.78	2.42	P	OUT
	-8.95	48.78	2.80	P	IN
	-8.87	45.45	2.85	P	IN
	-8.93	42.55	2.96	P	IN
	-8.89	40.00	3.00	P	IN
	-6.82	36.00	2.17	P	IN
	-7.41	42.31	2.27	P	IN
	-8.77	47.46	2.75	P	IN
	-8.43	39.13	2.82	P	IN
	-8.49	40.91	2.80	P	IN
	-8.63	45.76	2.73	P	IN
	-6.65	42.86	1.91	P	IN
	-7.14	29.03	2.49	P	OUT
	-6.53	40.91	1.90	P	IN
	-7.03	36.00	2.26	P	IN
	-7.06	50.00	1.91	P	IN
	-6.94	27.27	2.45	P	OUT
	-9.84	59.09	2.93	P	OUT
	-8.61	56.25	2.45	P	IN
	-7.23	33.33	2.42	P	OUT
	-7.30	42.86	2.21	P	IN
-7.71	19.15	3.02	P	OUT	
-7.22	38.46	2.28	P	IN	
-7.33	31.25	2.52	P	OUT	
-8.52	40.91	2.81	P	IN	
-8.58	36.00	2.97	P	OUT	
-7.88	21.74	3.02	P	OUT	

QL03044	N-Cyclooctyl-1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonamide 1,1,2,2,3,3,4,4,4-nonafluoro-N-[(trifluoromethyl)sulfonyl]-1-Butanesulfonamide	1456900-48-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)NC1CCCCCCC1	-6.81	21.95	2.53	P	OUT
QL03045	Butanesulfonamide	39847-37-5	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)NS(=O)(=O)C(F)(F)F	-7.66	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)S(=O)(=O)OC=C	-7.11	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)S(=O)(=O)OC1=CC=CC=C1	-7.27	32.14	2.47	P	OUT
QL03048	Cyclopent-1-en-1-yl nonafluorobutane-1-sulfonate	36839-94-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)OC1=CCCC1	-6.71	31.03	2.24	P	OUT
QL03049	Cyclohex-1-en-1-yl nonafluorobutane-1-sulfonate	36839-95-9	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)OC1=CCCCC1	-7.03	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)S(=O)(=O)OC1=CCCCCC1	-6.89	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)S(=O)(=O)OC1ccc(cc1)C#N	-7.65	31.03	2.68	P	OUT
QL03052	2,4-Dichlorophenyl nonafluorobutane-1-sulfonate	32848-21-8	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)Oc1ccc(cc1)Cl	-7.79	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)S(=O)(=O)Oc1cccc2ccncc12	-7.07	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)S(=O)(=O)Oc1cccc1C#N	-7.17	31.03	2.45	P	OUT
QL03055	1,2-Ethanediy bis(perfluorobutanesulfonate) 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	92982-03-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)OC(COS(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-8.84	45.00	2.85	P	IN
QL03056	1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-1-Butanesulfonamide	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	-6.88	24.32	2.50	P	OUT
QL03057	Butanesulfonamide	34454-99-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)NCCO=O	-6.92	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)C1CCCC1	-7.11	30.00	2.45	P	OUT
QL03059	Perfluoro-1-butanedisulfonyl chloride	2991-84-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)S(=O)(=O)Cl	-7.32	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(=O)Cl	-7.56	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(=O)(=O)CC(=O)O	-6.99	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	-7.01	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)S(=O)(=O)S(=O)(=O)C1=CC=CC=C1	-7.32	34.62	2.43	P	IN
QL03064	1,1,1,2,2,3,3,4,5,5-Undecafluoro-4-iodopentane	68158-13-4	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)I	-8.00	70.59	1.79	P	OUT
QL03065	1,1,1,2,2,3,3,6,6,7,7,8,8,9,10,10,11,11-icosafuoroundec-4-ene	102780-88-1	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.81	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)C(F)(F)CO	-6.07	31.82	1.93	P	OUT
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(F)(F)C(=O)OC1=CC=CC=C1	-6.12	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	-6.01	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#CC(=O)C1=CC=CC=C1	-6.92	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#CC1=CC=CC=C1	-6.60	30.43	2.21	P	OUT
QL03071	Heptafluorobutyronitrile	375-00-8	FC(F)(F)C(F)(F)C(F)(F)C#N	-6.57	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	-5.89	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=C1CCCC1=O	-6.01	31.82	1.90	P	OUT
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	-6.80	25.93	2.42	P	OUT
QL03075	1,1,1,2,2,3,3,6,6,7,7,8,8,9,10,10,11,11-icosafuoroundec-4-ene	100603-63-2	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	-9.37	60.61	2.68	P	OUT
QL03076	1,1,1,2,2,3,3,6,6,7,7,8,8,9,10,10,10-Octadecafluorodec-4-ene	935477-16-0	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	-8.95	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=C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.64	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=C(F)(F)C(F)(F)C(F)(F)F	-8.11	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=C1	-7.14	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=CNC1=CC=CC=C1	-6.53	29.17	2.21	P	OUT
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=CNC1=CC=CC=C1	-6.74	23.33	2.46	P	OUT
QL03084	Perfluorobutyraldehyde	375-02-0	FC(F)(F)C(F)(F)C(F)(F)C=O	-6.31	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	-8.41	66.67	2.08	P	OUT
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	-8.29	64.00	2.10	P	IN
QL03087	3,4,4-Trifluoro-3-(heptafluoropropyl)-1,2,lambda-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	-6.87	52.63	1.75	P	IN
QL03088	2,2,3,3,4,4,5,5,6-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)C(F)(F)C1(F)F	-8.33	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	-7.79	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	-7.56	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	-6.60	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)C=CC=CC=C1	-6.76	25.00	2.43	P	OUT
QL03093	6-(Heptafluoropropyl)-2-sulfonylidene-2,3-dihydropyrimidin-4(1H)-one	88191-88-2	FC(F)(F)C(F)(F)C(F)(F)C1=CC(=O)NC(=S)N1	-6.10	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	-6.41	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(C2C2OC2)C=C1	-6.88	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)c2ccccc2)C(=O)O1	-7.21	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	-6.23	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	-6.64	33.33	2.16	P	IN
QL03099	5-(Heptafluoropropyl)-2-sulfonylidene-2,3-dihydropyrimidin-4(1H)-one	145663-11-2	FC(F)(F)C(F)(F)C(F)(F)C1=CN(C(=S)NC1=O	-6.64	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=NC(=NC(=O)C2=CC=CC=C2)CO1	-6.78	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)F	-8.25	58.33	2.23	P	IN
QL03102	MLS002694827	4314-49-2	FC(F)(F)C(F)(F)C(F)(F)C1=NC(=O)ON1	-6.59	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(C)C=C2	-6.93	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	-6.42	29.17	2.16	P	OUT
QL03105	2-(Perfluoropropyl)benzoxazole	2008-06-2	FC(F)(F)C(F)(F)C(F)(F)C1=NC2=CC=CC=C2O1	-6.50	30.43	2.16	P	OUT
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=NC2=CC=CC(=O)C1	-6.30	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=NCN1	-6.02	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=NCN1c1cccc1	-6.29	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=NCN1C1CCCC1	-6.61	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(C(=O)C1=CC=CC=C1	-6.88	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=NNC1=CC=CC=C1	-6.50	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	-6.52	40.00	1.92	P	IN
QL03113	4-Chloro-2-(heptafluoropropyl)pyridine	1816283-32-5	FC(F)(F)C(F)(F)C(F)(F)C1ccc(Cl)ccn1	-6.52	40.00	1.92	P	IN
QL03114	1-Bromo-4-(heptafluoropropyl)benzene	117874-91-6	FC(F)(F)C(F)(F)C(F)(F)C1cccc(Br)cc1	-6.98	38.10	2.18	P	IN
QL03115	5-Bromo-2-(heptafluoropropyl)pyridine	1816282-96-8	FC(F)(F)C(F)(F)C(F)(F)C1cccc(Br)cn1	-7.09	40.00	2.18	P	IN
QL03116	1-(Heptafluoropropyl)-4-iodobenzene	1417885-93-8	FC(F)(F)C(F)(F)C(F)(F)C1cccc(I)cc1	-6.98	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)C1cccc(NC(=O)c2ccccc2)c(c1)-c1ccccc1	-6.98	15.56	2.78	P	OUT
QL03118	2-(Heptafluoropropyl)quinoline	57702-79-1	FC(F)(F)C(F)(F)C(F)(F)C1cccc2ccccc2n1	-6.56	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)nc2c1	-6.36	25.00	2.24	P	OUT
QL03120	(Heptafluoropropyl)benzene	378-98-3	FC(F)(F)C(F)(F)C(F)(F)C1cccc1	-6.14	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	-5.72	26.92	1.90	P	OUT
QL03122	1-(heptafluoropropyl)-2-iodocyclohexane	2728-75-8	FC(F)(F)C(F)(F)C(F)(F)C1CCCCC1I	-5.88	29.63	1.90	P	OUT
QL03123	3-(Heptafluoropropyl)oxolane	143837-48-3	FC(F)(F)C(F)(F)C(F)(F)C1CCOC1	-5.84	31.82	1.83	P	OUT
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	-6.48	30.43	2.16	P	OUT
QL03125	5-(Heptafluoropropyl)pyrimidine	1354703-21-1	FC(F)(F)C(F)(F)C(F)(F)C1ncnc1	-6.34	36.84	1.92	P	IN
QL03126	2-(Heptafluoropropyl)oxirane	51035-20-2	FC(F)(F)C(F)(F)C(F)(F)C1CO1	-5.73	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	-6.71	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	-6.91	47.37	1.91	P	IN
QL03129	2-(Heptafluoropropyl)-1H-indole	123825-50-3	FC(F)(F)C(F)(F)C(F)(F)C1Nc2ccccc2c1	-6.36	28.00	2.16	P	OUT
QL03130	2-(Heptafluoropropyl)-3-phenylquinoxaline	69492-70-2	FC(F)(F)C(F)(F)C(F)(F)C1nc2ccccc2nc1-c1ccccc1	-5.99	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	-6.64	42.11	1.92	P	IN
QL03132	2-(Heptafluoropropyl)-1H-pyrrole	118425-75-5	FC(F)(F)C(F)(F)C(F)(F)C1Nccc1	-6.13	36.84	1.83	P	IN
QL03133	1-(Heptafluoropropyl)isoquinoline	70414-12-9	FC(F)(F)C(F)(F)C(F)(F)C1nccc2ccccc12	-6.23	26.92	2.13	P	OUT
QL03134	2-(Heptafluoropropyl)pyrimidine	133391-64-7	FC(F)(F)C(F)(F)C(F)(F)C1nccn1	-6.34	36.84	1.92	P	IN
QL03135	Imidazolidine, 2-heptafluoropropyl-	31185-53-2	FC(F)(F)C(F)(F)C(F)(F)C1NCCN1	-5.84	31.82	1.83	P	OUT
QL03136	2-(Heptafluoropropyl)-1H-imidazole	81769-47-3	FC(F)(F)C(F)(F)C(F)(F)C1Ncn1	-6.24	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)C1Nc(c1Br)c1ccccc1	-6.95	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	-6.82	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)C1nn2ccc(nn12)N1CCOCC1	-6.70	20.00	2.53	P	OUT
QL03141	3-(Heptafluoropropyl)-1H-pyrazole	158148-63-1	FC(F)(F)C(F)(F)C(F)(F)C1nNcc1	-6.24	38.89	1.83	P	IN
QL03142	2(SH)-Furanone, 5-(heptafluoropropyl)-	143469-51-6	FC(F)(F)C(F)(F)C(F)(F)C1OC(=O)C=C1	-6.34	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	-6.02	35.00	1.83	P	IN
QL03144	Allyl heptafluorobutylate	17165-55-8	FC(F)(F)C(F)(F)C(F)(F)C(C=C)OC=C	-6.63	33.33	2.15	P	IN
QL03145	1,1,1,2,2,3,3,10,10,11,11,12,12,12-Tetradecafluoro-5,8-diiodododecane	2357-30-4	FC(F)(F)C(F)(F)C(F)(F)CC(I)CCCC(I)CC(F)(F)C(F)(F)C(F)(F)F	-8.23	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)CCCC(I)CC(F)(F)C(F)(F)C(F)(F)F	-8.32	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)CCl(Si)(Cl)(Cl)Cl	-7.06	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)C=O	-6.59	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)C(c1ccccc1)	-6.36	29.17	2.13	P	OUT
QL03150	1H,1H-Heptafluorobutyl epoxide	1765-92-0	FC(F)(F)C(F)(F)C(F)(F)C1COC1	-6.15	36.84	1.84	P	IN
QL03151	2-(2,2,3,3,4,4-Heptafluorobutyl)-1,3-dioxolane	175607-87-1	FC(F)(F)C(F)(F)C(F)(F)C(C1OCCO1)	-6.95	30.43	1.92	P	OUT
QL03152	5-Bromo-1,1,1,2,2,3,3-heptafluoropentane	355-94-2	FC(F)(F)C(F)(F)C(F)(F)C(Br)C	-6.78	47.06	1.85	P	IN
QL03153	1,1,1,2,2,3,3,4,4,5,5,6,6,9,9,10,10,11,11,11-Icosafluoroundecane	777931-73-4	FC(F)(F)C(F)(F)C(F)(F)CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.17	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)CCCC(F)(F)C(F)(F)C(F)(F)F	-7.85	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)C(Br)CCCC	-6.77	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	-7.83	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)CCCCCCCCC(F)(F)C(F)(F)C(F)(F)F	-7.94	31.82	2.79	P	OUT
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	-8.09	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	-6.77	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	-6.78	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)CCl	-6.50	57.14	1.46	P	IN
QL03162	Heptafluorobutyl iodide	374-98-1	FC(F)(F)C(F)(F)C(F)(F)CI	-6.50	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	-7.10	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(C(F)(F)C(F)(F)C(F)(F)F)N=O	-8.05	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)C(F)(F)N=C=O	-6.80	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)C(F)(F)C(=O)C=C	-6.54	31.82	2.15	P	OUT
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)C(F)(F)C(=O)C1=CC(NC(=O)C2=CC=CC=C2)=CC=C1	-6.37	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)C(F)(F)C(=O)C1ccccc1	-6.75	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)C(NCC(F)(F)C(F)(F)C(F)(F)F	-7.98	50.00	2.33	P	IN
QL03170	Tris(1H,1H-heptafluorobutyl)phosphate	563-09-7	FC(F)(F)C(F)(F)C(F)(F)COP(=O)(O)OC(F)(F)C(F)(F)C(F)(F)F	-8.31	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)COP(Si)(Cl)(OCC(F)(F)C(F)(F)F)OCC(F)(F)C(F)(F)F	-8.44	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)F)OCC(F)(F)C(F)(F)F	-8.32	48.84	2.51	P	IN
QL03173	2,2,3,3,4,4,4-Heptafluorobutyl 2-cyanoprop-2-enoate	130192-28-8	130(F)(F)C(F)(F)C(F)(F)COC(=O)C=C#N	-6.68	31.82	2.21	P	OUT
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	-6.87	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)F	-8.29	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	-6.63	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=CC(=O)OCC(F)(F)C(F)(F)C(F)(F)F	-8.43	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)c1cccc2nnc12	-6.65	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	-6.56	29.17	2.23	P	OUT
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)C1CN1CC1	-6.74	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)OC(F)(F)C(F)C(F)(F)F	-8.33	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	-6.95	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	-6.40	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	-6.97	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	-7.49	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)COC1cccc(=O)cc1	-7.07	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)COC1cccc(c#N)C#N	-7.13	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	-8.09	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	-6.60	31.82	2.17	P	OUT
QL03190	NSC221106	59727-25-2	FC(F)(F)C(F)(F)C(F)(F)COCc1=CNC(=O)NC1=O	-6.86	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)COCc1COC1	-6.46	30.43	2.15	P	OUT
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)COCc1COC(=O)O1	-6.80	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)	-6.96	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	-6.23	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)(OC(F)(F)C(F)(F)C(F)(F)F)c1ccccc1	-7.81	34.15	2.67	P	OUT
QL03196	bis(Perfluoropropyl)methyl phosphorochloridate	6780-81-0	FC(F)(F)C(F)(F)C(F)(F)COP(Cl)=O)OC(F)(F)C(F)(F)C(F)(F)F	-8.46	48.39	2.59	P	IN
QL03197	1,3,5,2,4,6-Triazatriphosphorine, 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(OC(F)(F)C(F)(F)C(F)(F)F)=NP(OC(F)(F)C(F)(F)C(F)(F)F)(OC(F)(F)C(F)(F)C(F)(F)F)(OC(F)(F)C(F)(F)C(F)(F)F)=N1	-8.33	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	-8.56	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	-7.33	47.62	2.09	P	IN
QL03200	[(2,2,3,3,4,4,4-Heptafluorobutyl)sulfanyl]methylbenzene	200337-06-0	FC(F)(F)C(F)(F)C(F)(F)CSc1ccccc1	-6.69	25.00	2.39	P	OUT
QL03201	Perflutren	76-19-7	FC(F)(F)C(F)(F)C(F)(F)F	-7.10	72.73	1.32	P	OUT
QL03202	Heptafluoropropyl iodide	754-34-7	FC(F)(F)C(F)(F)C(F)(F)I	-7.10	72.73	1.32	P	OUT
QL03203	Perfluoro-N,N,N',N'-tetrakis(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)F)C(F)(F)C(F)(F)C(F)(F)F	-10.02	66.67	2.81	P	OUT
QL03204	Perfluamine	338-83-0	N(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F)C(F)(F)C(F)(F)F	-8.38	67.74	2.04	P	OUT
QL03205	1,1,1,2,4,5,5,5-Octafluoro-2-(heptafluoropropoxy)-4-(trifluoromethyl)pentan-3-one	851535-00-7	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(=O)C(F)(C(F)F)C(F)(F)C(F)(F)F	-8.33	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)(C(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)F)C(F)(F)F)C(F)(F)F	-9.33	61.11	2.65	P	IN
QL03207	1,1,1,2,6,7,7,7-Octafluoro-2,6-bis(heptafluoropropoxy)heptane-3,5-dione	87405-74-1	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(=O)CC(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)F)C(F)(F)F)C(F)(F)F	-9.28	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)(C(=O)N1CCCCC1)C(F)(F)F	-7.19	31.43	2.45	P	OUT
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)(C(=O)N1CCOCC1)C(F)(F)F	-7.30	33.33	2.45	P	OUT
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)(C(=O)NCc1ccccc1)C(F)(F)F	-7.72	31.43	2.70	P	OUT
QL03211	Cyclohexyl 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	78755-41-6	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(=O)OC1CCCCC1)C(F)(F)F	-7.26	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)(C(=O)Oc1ccccc1)C(F)(F)F	-7.59	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)(C(=O)OCC=C)C(F)(F)F	-7.65	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)(C(=O)OCC1CCCCC1)C(F)(F)F	-7.77	32.35	2.70	P	OUT
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)(C(=O)OOC(=O)C(F)(OC(F)(F)C(F)(F)C(F)(F)F)C(F)(F)C(F)(F)F	-9.47	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)(C(=O)C(F)(F)F	-7.51	60.00	1.85	P	IN
QL03217	Tris(4-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propyl]phenyl)phosphane	62512-90-7	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(=O)OC1CCCCC1)C(F)(F)F	-9.88	42.86	3.38	P	OUT
QL03218	1-([1-(1,2-Dibromo-1,2,2-trifluoroethoxy)-1,1,2,3,3,3-hexafluoropropan-2-yl]oxy)-1,1,2,2,3,3,3-heptafluoropropane	115783-72-7	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(Br)C(F)(F)Br	-9.03	64.29	2.43	P	IN
QL03219	1-(4-Bromophenyl)-2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propan-1-one	67727-74-6	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)C1=CC=C(Br)C=C1)C(F)(F)F	-8.77	45.00	2.82	P	IN
QL03220	2,3,3,3-Tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]-1-(piperidin-1-yl)propan-1-one	176702-75-3	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)N1CCCCC1)C(F)(F)F	-8.08	37.78	2.69	P	IN
QL03221	2,3,3,3-Tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]-1-(morpholin-4-yl)propan-1-one	176702-76-4	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)N1CCOCC1)C(F)(F)F	-8.18	39.53	2.69	P	IN
QL03222	N-2-Pyridinylperfluoro-2-(2-propoxypropoxy)propanamide	31339-60-3	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)NC1=CC=CC=N1)C(F)(F)F	-8.59	41.46	2.83	P	IN
QL03223	N-2-Pyrimidinylperfluoro-2-(2-propoxypropoxy)propanamide	340131-92-2	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)NC1=NC=CC=N1)C(F)(F)F	-8.65	42.50	2.83	P	IN
QL03224	2,3,3,3-Tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]-N-phenylpropanamide	178167-74-3	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)Nc1ccccc1)C(F)(F)F	-8.53	40.48	2.83	P	IN
QL03225	N-Allylperfluoro-2-(2-propoxypropoxy)propanamide	174080-50-3	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)NCC=C)C(F)(F)F	-8.39	43.59	2.68	P	IN
QL03226	Cyclohexyl 2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoate	145510-90-3	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)OC1CCCCC1)C(F)(F)F	-8.28	36.17	2.83	P	OUT
QL03227	Phenyl 2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoate	312943-34-3	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)Oc1ccccc1)C(F)(F)F	-8.59	41.46	2.83	P	IN
QL03228	Prop-2-en-1-yl 2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoate	117837-58-8	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)OCC=C)C(F)(F)F	-8.45	44.74	2.68	P	IN

QL03229	Benzyl 2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoate	140229-81-8	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(=O)OCC1CCCC1)C(F)(F)F FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-8.62	38.64	2.92	P	OUT
QL03230	perfluoro(5,6,9,12-tetramethyl-4,7,10,13-tetraoxahexadecane) 1,1,1,2,2,3,3,5,6,6,8,9,11,12,14,14,15,17,17,18,20,20,21,21,22,22-Octacosafuoro-18-hexakis(trifluoromethyl)-4,7,10,13,16,19-hexaoxadocosane	61098-01-9	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-10.41	62.96	3.09	P	OUT
QL03231	perfluoro(5,8,9,12-tetramethyl-4,7,10,13-tetraoxahexadecane) 2-(1,2,2,2-Tetrafluoro-1-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]ethyl)-1H-benzimidazole	76145-90-9	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-11.33	62.16	3.53	P	OUT
QL03232	perfluoro(5,8,9,12-tetramethyl-4,7,10,13-tetraoxahexadecane) 2-(1,2,2,2-Tetrafluoro-1-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]ethyl)-1H-benzimidazole	76145-90-9	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-10.44	62.96	3.11	P	OUT
QL03233	perfluoro(5,8,9,12-tetramethyl-4,7,10,13-tetraoxahexadecane) 2-(1,2,2,2-Tetrafluoro-1-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]ethyl)-1H-benzimidazole	76145-90-9	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-8.31	41.46	2.70	P	IN
QL03234	Perfluoro-5,6-dimethyl-4,7-dioxadecane	17559-01-2	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-8.51	44.74	2.71	P	IN
QL03235	Perfluoro-5,6-dimethyl-4,7-dioxadecane	2501-01-1	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-9.21	64.71	2.50	P	IN
QL03236	Perfluoro-5,6-dimethyl-4,7-dioxadecane	1622868-66-9	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-8.05	50.00	2.36	P	IN
QL03237	Perfluoro-5,6-dimethyl-4,7-dioxadecane	60308-66-9	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-7.44	57.89	1.87	P	IN
QL03238	Perfluoro-5,6-dimethyl-4,7-dioxadecane	131628-34-7	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-6.99	50.00	1.87	P	IN
QL03239	Perfluoro-5,6-dimethyl-4,7-dioxadecane	243128-38-3	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-7.41	50.00	2.06	P	IN
QL03240	Perfluoro-5,6-dimethyl-4,7-dioxadecane	106372-30-9	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-7.99	66.67	1.89	P	OUT
QL03241	Perfluoro-5,6-dimethyl-4,7-dioxadecane	119511-16-9	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-7.62	37.93	2.48	P	IN
QL03242	Perfluoro-5,6-dimethyl-4,7-dioxadecane	54572-17-7	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-9.47	62.96	2.66	P	OUT
QL03243	Perfluoro-5,6-dimethyl-4,7-dioxadecane	1152098-94-6	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F) FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F)	-7.46	50.00	2.09	P	IN
QL03244	Perfluoro-5,6-dimethyl-4,7-dioxadecane	54208-66-1	FC(F)(F)C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F					

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)S(=O)(O)=O	-8.83	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	-8.47	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	-8.24	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	-7.35	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	-8.60	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)F	-8.60	64.00	2.24	P	IN
QL03285	1,1,2,2-Tetrafluoro-2-[(1,1,1,2,3,3-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(F)(=O)=O	-8.62	57.14	2.43	P	IN
QL03286	1-Bromo-1,1,2,2,4,5,5,7,8,8,10,11,11,13,13,14,14,14-octafluoro-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)OC(F)(F)C(F)(F)BrC(F)(F)C(F)(F)C(F)(F)F	-9.99	62.22	2.92	P	OUT
QL03287	1-Bromo-1,1,2,2,4,5,5,7,8,8,10,11,11,13,14,14,16,16,17,17,17-henicosafluoro-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)OC(F)(F)C(F)(F)BrC(F)(F)C(F)(F)F	-10.49	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)Cl	-8.22	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)(F)C(F)(F)C(F)(F)OC1(F)C(F)(F)F	-7.99	59.26	2.08	P	IN
QL03290	Pentafluoroethane-1-sulfonyl chloride	64773-40-6	FC(F)(F)C(F)(F)S(Cl)(=O)=O	-6.05	54.55	1.32	P	IN
QL03291	Heptafluoro-2-iodopropane	677-69-0	FC(F)(F)C(F)(F)I	-7.10	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)OC(F)(F)C(F)(F)C(F)(F)F	-7.84	66.67	1.82	P	OUT
QL03293	Morpholine, 2,2,3,3,5,5,6-octafluoro-4-[1,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-	1600-71-1	FC(F)(F)C(F)(F)C(F)(F)OC(F)(F)C1(F)F	-7.14	62.50	1.61	P	OUT
QL03294	Heptafluoroisopropyl acrylate	13057-08-4	FC(F)(F)C(F)(F)OC(=O)C=C	-5.95	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)(F)OC(=O)C(=O)C	-6.29	29.17	2.10	P	OUT
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)(F)OC(F)(F)Cl	-7.38	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)(F)OC(F)(F)Cl	-7.38	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)(F)OC(F)(F)Br	-9.64	66.67	2.64	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)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.05	55.56	2.67	P	IN
QL03300	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	25080-25-5	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.08	66.67	2.39	P	IN
QL03301	1-iodo-6-(heptafluoroisopropoxy)perfluorohexane	25080-18-6	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.39	53.33	2.43	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)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.41	66.67	2.08	P	OUT
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)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.86	64.71	2.34	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)(F)OC(F)(F)C(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F	-6.72	22.92	2.47	P	OUT
QL03305	1-[2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)-1-(piperidin-1-yl)propyl]-1H-benzotriazole	133384-08-4	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C1CCNCC1	-7.38	66.67	1.61	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)(F)OC(F)(F)C(F)(F)C(F)(F)OC1(F)C(F)(F)C(=O)C(F)(F)OC(F)(F)C(F)(F)F	-9.32	55.56	2.79	P	IN
QL03307	Bis(perfluoro-1-[(3,6-dimethyl-1,4-dioxan-2-yl)oxy]ethyl) ketone	61097-96-9	FC(F)(F)C(F)(F)OC1(F)OC(F)(F)C(F)(F)C(F)(F)OC1(F)C(F)(F)C(=O)C(F)(F)OC(F)(F)C(F)(F)F	-9.19	57.69	2.68	P	IN
QL03308	Perfluoro-2,3-bis(2,5-dimethyl-1,4-dioxan-3-oxy)butane	61097-98-1	FC(F)(F)C(F)(F)OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.55	24.14	2.36	P	OUT
QL03309	2-[(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)oxy]-N-phenylacetamide	62656-67-1	FC(F)(F)C(F)(F)OCC(=O)NC1=CC=CC=C1	-5.83	36.84	1.69	P	IN
QL03310	Allyl perfluoroisopropyl ether	15242-17-8	FC(F)(F)C(F)(F)OCC=C	-6.61	41.67	1.92	P	IN
QL03311	Trichloro[3-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]propyl]silane	15538-93-9	FC(F)(F)C(F)(F)OCC(Si)(Cl)(Cl)C(F)(F)F	-6.43	33.33	2.06	P	IN
QL03312	Dichloromethyl[3-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]propyl]silane	20006-68-2	FC(F)(F)C(F)(F)OCC(SiH2)(Cl)C(F)(F)F	-6.35	33.33	2.02	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)(F)OCCBr	-8.04	62.07	2.04	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(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.51	65.00	1.71	P	OUT
QL03315	1,1,1,2,3,3,5,5,5-Nonafluoro-4-iodo-2-(trifluoromethyl)pentane	922524-00-3	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-9.14	65.52	2.45	P	IN
QL03316	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,9,9,9-Octadecafluoro-8-iodononane	922524-04-7	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	-7.32	48.28	2.07	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(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.70	55.00	1.61	P	IN
QL03318	1,1,1,2,5,5,5-Heptafluoro-4-iodo-2-(trifluoromethyl)pentane	922523-98-6	FC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.74	58.62	2.45	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(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.01	56.52	2.17	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(F)(F)C(F)(F)C(F)(F)C(F)(F)F				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)F	-7.77	56.52	2.06	P	IN
QL03322	Hexafluoroisopropyl acrylate	2160-89-6	FC(F)(F)C(OC(=O)C=C)C(F)(F)F	-5.62	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	-7.97	55.56	2.18	P	IN
QL03324	H-substituted perfluoroalkyl (linear) sulfonic acids_ii, n=0		FC(F)(F)C(S(=O)(O)=O)H(F)	-4.76	33.33	1.30	P	OUT
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	-8.77	59.26	2.44	P	IN
QL03326	1,1,1,4,4,5,5,6,6,7,7,8,8,9-Tetradecafluorooct-2-ene	935476-95-2	FC(F)(F)C=C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.26	58.33	2.23	P	IN
QL03327	1,1,1,4,4,5,5,6,6,7,7-Dodecafluorohept-2-ene	887111-62-8	FC(F)(F)C=C(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.05	57.14	2.17	P	IN
QL03328	(ZE)-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)C(F)(F)F	-7.38	55.56	1.91	P	IN
QL03329	Cyclohexane, decafluorobis(trifluoromethyl)- (6Cl,7Cl,8Cl,9Cl)	26637-68-3	FC(F)(F)C1(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-7.17	66.67	1.52	P	OUT
QL03330	Perfluorodimethylcyclobutane	28677-00-1	FC(F)(F)C1(C(F)(F)C(F)(F)C(F)(F)C1(F)F	-7.09	66.67	1.48	P	OUT
QL03331	Perfluoro-1,3,5-trimethylcyclohexane	374-76-5	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-6.81	66.67	1.35	P	OUT
QL03332	Cyclobutane, 1,1,2,3,3,4-hexafluoro-2,4-bis(trifluoromethyl)-	13221-71-1	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-7.99	66.67	1.89	P	OUT
QL03333	1,1,2,2,3,4,4,5,5,6-Decafluoro-3,6-bis(trifluoromethyl)cyclohexane	374-77-6	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-7.99	66.67	1.89	P	OUT
QL03334	Perfluoro-1,3-dimethylcyclohexane	335-27-3	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-7.10	66.67	1.48	P	OUT
QL03335	Perfluoro-5,5'-bis(trifluoromethyl)-1,1'-bicyclohexyl	105462-77-9	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-8.46	65.00	2.15	P	IN
QL03336	Perfluoro-1,2-dimethylcyclohexane	306-98-9	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)C(F)(F)F	-7.10	66.67	1.48	P	OUT
QL03337	Perfluoromethylcyclohexane	355-02-2	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-7.08	66.67	1.47	P	OUT
QL03338	Cyclohexanesulfonyl fluoride, decafluoro(trifluoromethyl)-	68318-34-3	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)S(F)(=O)=O	-6.62	58.33	1.48	P	IN
QL03339	Perfluoromethylcyclopentane	1805-22-7	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-7.09	66.67	1.48	P	OUT
QL03340	Perfluoromethyldecalin	51294-16-7	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C2(F)(F)C(F)(F)C(F)(F)C2(F)F	-7.61	64.52	1.77	P	OUT
QL03341	Perfluoro-1,2-dimethylcyclobutane	2994-71-0	FC(F)(F)C1(F)C(F)(F)C(F)(F)C(F)(F)C1(F)F	-6.81	66.67	1.35	P	OUT
QL03342	Perfluoro-2-methyldecalin	306-95-6	FC(F)(F)C1(F)C(F)(F)C(F)(F)C2(F)(F)C(F)(F)C(F)(F)C2(F)C1(F)F	-8.23	64.52	2.06	P	IN
QL03343	Perfluoro-3,6-dimethyl-1,4-dioxan-2-one	7309-84-4	FC(F)(F)C1(F)OC(F)(F)C(F)(F)OC1=O(C(F)(F)F	-7.37	52.63	1.98	P	IN
QL03344	Perfluoromethyloxirane	428-59-1	FC(F)(F)C1(F)OC1(F)F	-6.45	60.00	1.36	P	OUT
QL03345	Perfluoroalkyl N-heterocycles, m+n+p=6		FC(F)(F)C1=C(OC(F)(F)F)N=C(C(F)(F)C(F)(F)C(F)(F)F)[N]-1	-7.96	55.56	2.17	P	IN
QL03346	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-Heptadecafluoro-N-[3-(trifluoromethyl)phenyl]nonanamide	325989-96-6	FC(F)(F)C1cccc(NC(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1	-9.14	46.51	2.95	P	IN
QL03347	2,2,3,3,4,4,4-Heptafluoro-N-[3-(trifluoromethyl)phenyl]butanamide	2059-15-6	FC(F)(F)C1cccc(NC(=O)C(F)(F)C(F)(F)C(F)(F)C1	-7.33	35.71	2.40	P	IN
QL03348	Dichlorobis(1,1,2,2,3,3,6,6-nonafluorohexyl)silane	156323-66-9	FC(F)(F)CCCl(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)CCCl(F)(F)F	-8.95	48.78	2.80	P	IN
QL03349	Trichloro(1,1,2,2,3,3,6,6-nonafluorohexyl)silane	78560-47-1	FC(F)(F)CCCl(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)CCl(Cl)Cl	-7.76	52.17	2.17	P	IN
QL03350	1-Bromo-4-(1,1,2,2,3,3,4,4,5,5,6,6,7,7,10,10,10-heptadecafluorodecyl)benzene	195324-88-0	FC(F)(F)CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C1=CC(Br)C=C1	-8.79	42.86	2.88	P	IN
QL03351	1,1,1,2,2,3,3,4,4,7,7-Dodecafluoroheptane	503189-11-5	FC(F)(F)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.76	52.17	2.17	P	IN
QL03352	1,1,1,2,2,3,3,6,6-Decafluorohexane	188189-52-8	FC(F)(F)CCC(F)(F)C(F)(F)C(F)(F)F	-7.06	50.00	1.91	P	IN
QL03353	Poly(difluoromethylene), -alpha--[2-[(2-carboxyethyl)thio]ethyl]-.omega.-fluoro- lithium salt (11)	65530-69-8	FC(F)(F)CCSCCCC(O)=O	-5.46	14.29	2.12	P	OUT
QL03354	[2-carboxyethyl]thio]ethyl]-.omega.-fluoro- (Zonyl 7950)	0165530-83-8	FC(F)(F)COC(=N)C(F)(F)C(F)(F)C(F)(F)F	-7.47	47.62	2.16	P	IN
QL03355	2,2,2-Trifluoroethyl perfluorobutanimidate	4078-29-9	FC(F)(F)COC(=O)C(F)(F)C(F)(F)C(F)(F)F	-9.26	48.78	2.94	P	IN
QL03356	2,2,3,3,4,4,5,5,5-Nonafluoro-1-phenylpentyl bis(2,2,2-trifluoroethyl) phosphate	344580-04-7	FC(F)(F)COC(=O)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.25	33.33	2.43	P	OUT
QL03357	2,2,2-Trifluoroethyl perfluorobutanesulfonate	100664-15-1	FC(F)(F)COP(=O)(O)CC(F)(F)OC(C1CCCC1)C(F)(F)C(F)(F)C(F)(F)F	-7.78	50.00	2.23	P	IN
QL03358	Perfluoro(N-methylmorpholine)	79963-95-4	FC(F)(F)COS(=O)(=O)(O)C(F)(F)C(F)(F)C(F)(F)F	-6.02	61.11	1.13	P	OUT
QL03359	1,1,1,3,3,3-Hexafluoro-2-(trifluoromethoxy)-2-(trifluoromethyl)propane	382-28-5	FC(F)(F)N1C(F)(F)C(F)(F)OC(F)(F)C1(F)F	-6.02	61.11	1.13	P	OUT
QL03360	ether-substituted perfluoroalkyl (linear) carboxylic acids_i, n=1	681-08-3	FC(F)(F)OC(C(F)(F)F)C(F)(F)C(F)(F)F	-6.53	66.67	1.22	P	OUT
QL03361	3,4,4,4-Tetrafluoro-3-(trifluoromethoxy)-1-butene		FC(F)(F)OC(F)(F)C					

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QL0353	1,2-Dichloroperfluorocyclohexene	336-19-6	FC1(F)C(Cl)=C(Cl)C(F)C(F)C(F)C1(F)F	-5.70	62.50	0.95	P	OUT
QL03538	Perfluorocyclohexanecarbonyl bromide	261761-76-6	FC1(F)C(F)(F)C(F)C(F)C(F)C(F)C(=O)Br	-6.62	60.00	1.44	P	OUT
QL03539	Chloroperfluorocyclohexane	336-15-2	FC1(F)C(F)(F)C(F)C(F)C(F)C(Cl)C(F)C(F)C1(F)F	-5.86	66.67	0.92	P	OUT
QL03540	(Perfluorocyclohexyl)methyl prop-2-enolate	40677-94-9	FC1(F)C(F)C(F)C(F)C(F)C(F)COC(=O)C=C)C(F)C1(F)F	-7.03	39.29	2.17	P	IN
QL03541	Perfluorocyclohexane	355-68-8	FC1(F)C(F)C(F)C(F)C(F)C(F)C(F)C1(F)F	-5.86	66.67	0.92	P	OUT
QL03542	Piperidine, 2,2,3,4,4,5,5,6,6-decafluoro-1-(pentafluoroethyl)-	564-11-4	FC1(F)C(F)C(F)C(F)C(F)C(F)C(N(C(F)C(F)C(F)F)F)F	-7.96	65.22	1.91	P	OUT
QL03543	Decafluorocyclopentane	376-77-2	FC1(F)C(F)C(F)C(F)C(F)C1(F)F	-5.86	66.67	0.92	P	OUT
QL03544	(Perfluorocyclopentyl)phenyldiazene	97388-28-8	FC1(F)C(F)C(F)C(F)C(F)C(N=C(N=C)C=C)C1(F)F	-6.59	33.33	2.13	P	IN
QL03545	Octafluorocyclobutane	115-25-3	FC1(F)C(F)C(F)C(F)C(F)C1(F)F	-5.86	66.67	0.92	P	OUT
QL03546	Tetracosafuorotetradecahydrophenanthrene	306-91-2	FC1(F)C(F)C(F)C(F)C2(F)C(F)C1(F)C(F)C(F)C(F)C(F)C(F)C2(F)C21	-8.20	63.16	2.08	P	IN
QL03547	Perflunafene	306-94-5	FC1(F)C(F)C(F)C(F)C2(F)C(F)C(F)C(F)C(F)C2(F)C1(F)F	-7.63	64.29	1.79	P	OUT
QL03548	4,4,5,5,6,6-hexafluoro-1,3,2-dithiazine 1,1,3,3-tetraoxide	84246-29-7	FC1(F)C(F)C(F)S(=O)(=O)NS(=O)(=O)C1(F)F	-4.82	35.29	1.27	P	IN
QL03549	1H,2H-Hexafluorocyclopentene	1005-73-8	FC1(F)C=C(CC(F)F)C1(F)F	-5.56	46.15	1.32	P	IN
QL03550	Perfluoroperhydrofluorene	307-08-4	FC1(F)C2(F)C(F)C3(F)C1(F)C(F)C(F)C(F)C3(F)C(F)C(F)C(F)C2(F)F	-7.87	62.86	1.93	P	IN
QL03551	2,2,3,3-Tetrafluorooxetane	765-63-9	FC1(F)COC1(F)F	-4.09	40.00	0.81	P	OUT
QL03552	Perfluoro[oxacyclopentane]	773-14-8	FC1(F)OC(F)C(F)C(F)C1(F)F	-5.66	61.54	0.96	P	OUT
QL03553	Perfluoro-15-crown-5-ether	97571-69-2	FC1(F)OC(F)C(F)C(F)OC(F)C(F)C(F)OC(F)C(F)C(F)OC1(F)F	-5.46	57.14	0.99	P	OUT
QL03554	6-isocyanato-2,4,4-tetrafluoro-1,3-benzodioxene	26030-46-6	FC1(F)OC2=C(C=C)C=N=C=C)C(F)FO1	-6.10	20.00	2.26	P	OUT
QL03555	Tetrafluoroethane beta-sultone	697-18-7	FC1(F)OS(=O)(=O)C1(F)F	-5.29	40.00	1.36	P	IN
QL03556	2,2,4,4-Tetrafluoro-1,3-dithietane	1717-50-6	FC1(F)SC(F)FS1	-6.17	50.00	1.50	P	IN
QL03557	2,2,3,4,4,5,5,6-Decafluoro-1-(trifluoromethyl)piperidine	359-71-7	FC1(N(C(F)C(F)C(F)C1(F)F)C(F)C(F)C(F)F)F	-7.04	65.00	1.50	P	OUT
QL03558	1-Chloroheptafluorocyclopentene	1759-63-3	FC1=C(Cl)C(F)C(F)C(F)C1(F)F	-5.66	61.54	0.96	P	OUT
QL03559	Perfluoro[4-isopropyltoluene]	20017-49-6	FC1=C(F)C(=C)C(F)C=C1C(F)F)C(F)C(F)C(F)C(F)F	-8.11	58.33	2.16	P	IN
QL03560	Decafluorocyclohexene	355-75-9	FC1=C(C(F)C(F)C(F)C(F)C(F)C1(F)F	-5.70	62.50	0.95	P	OUT
QL03561	Octafluorocyclopentene	559-40-0	FC1=C(C(F)C(F)C(F)C(F)C1(F)F	-5.66	61.54	0.96	P	OUT
QL03562	Hexafluorocyclobutene	697-11-0	FC1=C(C(F)C(F)C1(F)F	-5.59	60.00	0.97	P	OUT
QL03563	1,2,3,4,5-Pentafluoro-6-(heptadecafluorooctyl)benzene	54387-09-6	FC1=C(C(F)C(F)C=C(C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)C(F)F	-9.51	61.11	2.73	P	OUT
QL03564	Perfluorotetralin	2342-07-6	FC1=C(C(F)C2=C(C(F)=C1F)C(F)C(F)C(F)C2(F)F	-7.07	54.55	1.79	P	IN
QL03565	Octafluoronaphthalene	313-72-4	FC1=C(F)C2=C(C(F)=C1F)C(F)=C(F)C(F)=C2F	-6.59	44.44	1.84	P	IN
QL03566	Cyclopentene, 1,3,3,4,4,5,5-heptafluoro-	1892-03-1	FC1=C(C(F)F)C(F)C(F)C1(F)F	-5.26	53.85	0.98	P	OUT
QL03567	Undecafluorocyclohexane	308-24-7	FC1C(F)C(F)C(F)C(F)C(F)C(F)C1(F)F	-5.58	61.11	0.94	P	OUT
QL03568	1-Bromo-2,3,5,6-tetrafluoro-4-{1,1,2,3,3,3-hexafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propyl}benzene	60799-27-1	Fc1c(F)c(F)c(F)c1Br(F)C(F)C(F)C(F)OC(F)C(F)OC(F)C(F)C(F)C(F)C(F)C(F)F	-9.52	58.54	2.80	P	OUT
QL03569	2,3,3,3-Tetrafluoro-1-[2,3,5,6-tetrafluoro-4-{1,1,1,2,3,3,3-heptafluoropropan-2-yl}phenyl]-2-(trifluoromethyl)propan-1-one	19547-30-9	Fc1c(F)c(F)c(F)c1C(=O)C(F)C(F)F)C(F)C(F)C(F)C(F)F	-8.39	56.25	2.35	P	IN
QL03570	1,2,4,5-Tetrafluoro-3-{1,1,1,2,3,3,3-heptafluoropropan-2-yl}-6-(trichloromethyl)benzene	136264-73-8	Fc1c(F)c(F)c(F)c1C(Cl)(Cl)C(F)C(F)C(F)F	-8.11	58.33	2.16	P	IN
QL03571	2,3,5,6-Tetrafluoro-4-{1,1,1,2,3,3,3-heptafluoropropan-2-yl}benzonitrile	20017-54-3	Fc1c(F)c(F)c(F)c1C#N)C(F)C(F)F)C(F)F	-7.75	50.00	2.22	P	IN
QL03572	5,10,15,20-Tetrakis[2,3,5,6-tetrafluoro-4-{(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl)sulfanyl}phenyl]porphyrin	956790-67-3	Fc1c(F)c(F)c(F)c1SCCC(F)					

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QL03978	4-(Undecafluoropentyl)cyclohexane-1-carboxylic acid	88951-26-2	OC(=O)C1CCCC(C1)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.31	30.56	2.53	P	OUT
QL03979	4-(Heptafluoropropyl)cyclohexane-1-carboxylic acid	88951-29-5	OC(=O)C1CCCC(C1)C(F)(F)C(F)(F)C(F)F	-6.37	23.33	2.29	P	OUT
QL03980	6-(Heptafluoropropyl)pyridine-3-carboxylic acid	1105981-44-9	OC(=O)c1ccn(c1)C(F)(F)C(F)(F)C(F)F	-6.78	30.43	2.29	P	OUT
QL03981	4-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Pentadecafluorooctyl)amino]benzoic acid	73782-58-8	OC(=O)c1ccc(NCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F)cc1	-8.59	36.59	2.96	P	OUT
QL03982	4-[(1,1,1,4,5,5,5-Heptafluoro-3-(1,1,2,3,3,3-heptafluoropropan-2-yl)-4-(trifluoromethyl)pent-2-en-2-yl]oxy]benzoic acid	65439-50-1	OC(=O)c1ccc(OC(=C(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F)cc1	-7.44	41.46	2.30	P	IN
QL03983	4-(Pentadecafluoroheptyloxy)benzoic acid	75895-47-5	OC(=O)c1ccc(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F)cc1	-8.72	40.54	2.91	P	IN
QL03984	4-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Pentadecafluorooctyl)oxy]benzoic acid	129560-87-8	OC(=O)c1ccc(OC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F)cc1	-8.65	37.50	2.96	P	OUT
QL03985	4-(2,2,3,3,4,4,4-Heptafluorobutoxy)benzoic acid	129590-24-5	OC(=O)c1ccc(OC(F)(F)C(F)(F)C(F)F)cc1	-6.98	25.00	2.53	P	OUT
QL03986	4-(3,3,4,4,4,5,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecyl)oxy]benzoic acid	188034-84-6	OC(=O)c1ccc(OC(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)F)cc1	-9.00	36.96	3.13	P	OUT
QL03987	3-(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)benzoic acid	2396-20-5	OC(=O)c1ccccc1C(F)(F)C(F)(F)C(F)F	-5.73	29.17	1.85	P	OUT
QL03988	2-(Nonafluorobutyl)benzoic acid	14670-68-9	OC(=O)c1ccccc1C(F)(F)C(F)(F)C(F)F	-6.65	33.33	2.16	P	IN
QL03989	2-(Heptafluoropropyl)pyridine-4-carboxylic acid	20897-65-8	OC(=O)c1ccn(c1)C(F)(F)C(F)(F)C(F)F	-6.50	30.43	2.16	P	OUT
QL03990	3,4-Bis(2,2,3,3,4,4,4-heptafluorobutyl)-1H-pyrrole-2,5-dicarboxylic acid	83650-67-3	OC(=O)c1Nc(C(=O)O)=O)cc(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.37	35.00	2.44	P	IN
QL03991	4,4,5,5,6,6,6-Heptafluoro-3-(nitromethyl)hexanoic acid	7079-86-9	OC(=O)CC(C[N+](=O)[O-])=O)C(F)(F)C(F)(F)C(F)F	-5.75	28.00	1.89	P	OUT
QL03992	2-(2,2,3,3,4,4,4-Heptafluorobutyl)butanedioic acid	121223-84-5	OC(=O)CC(C(F)(F)C(F)(F)C(F)(F)C(F)F)C(=O)O	-6.16	26.92	2.10	P	OUT
QL03993	3-(Heptafluoropropyl)pentanedioic acid	336-32-3	OC(=O)CC(C(C(=O)O)=O)C(F)(F)C(F)(F)C(F)F	-5.69	26.92	1.89	P	OUT
QL03994	3,4,4,4-Tetrafluoro-3-(trifluoromethyl)butanoic acid	773869-22-0	OC(=O)CC(F)(C(F)(F)C(F)F)C(F)F	-5.40	41.18	1.38	P	IN
QL03995	(Perfluoroheptyl)ethanoic acid	45291-33-6	OC(=O)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.34	51.72	2.45	P	IN
QL03996	52 Fluorotelomer carboxylic acid	889944-77-8	OC(=O)CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.51	47.83	2.17	P	IN
QL03997	3,3,4,4,5,5,5-Heptafluoropentanoic acid	679-46-9	OC(=O)CC(F)(F)C(F)(F)C(F)F	-6.40	41.18	1.84	P	IN
QL03998	3,3,4,4-Tetrafluoro-4-[perfluoro-2-(fluorosulfonyl)ethoxy]butanoic acid	363158-84-3	OC(=O)CC(F)(F)C(F)OC(F)(F)S(F)(=O)=O	-7.08	37.50	2.24	P	IN
QL03999	5,6,6,6-Tetrafluoro-4-oxo-5-(trifluoromethyl)hexanoic acid	62656-74-0	OC(=O)CCCC(=O)C(F)(C(F)F)C(F)F	-5.80	31.82	1.81	P	OUT
QL04000	5,5,6,6,7,7,7-heptafluoro-4,4-bis(trifluoromethyl)heptanoic Acid	129991-14-6	OC(=O)CCCC(C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.08	44.83	2.05	P	IN
QL04001	4,4-bis(Trifluoromethyl)-4-fluoropropanoic acid	243139-62-0	OC(=O)CCCC(F)(C(F)F)C(F)(F)F	-5.61	35.00	1.64	P	IN
QL04002	5-Bromo-4,4,5,5-tetrafluoropentanoic acid	234443-22-2	OC(=O)CCCC(F)(C(F)F)Br	-5.61	29.41	1.78	P	OUT
QL04003	83 Fluorotelomer carboxylic acid	34598-33-9	OC(=O)CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.69	48.57	2.69	P	IN
QL04004	3-Perfluoroheptylpropanoic acid	812-70-4	OC(=O)CCCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.20	46.88	2.51	P	IN
QL04005	33 Fluorotelomer carboxylic acid	356-02-5	OC(=O)CCCC(F)(F)C(F)(F)C(F)F	-6.25	35.00	1.93	P	IN
QL04006	4,4,5,5-Tetrafluoro-5-[(1,1,1,2,3,3,3-heptafluoropropan-2-yl)oxy]pentanoic acid	28793-36-4	OC(=O)CCCC(F)(F)C(F)OC(F)(C(F)(F)C(F)(F)F	-6.99	40.74	2.12	P	IN
QL04007	4,5,5,5-Tetrafluoro-4-(heptafluoropropoxy)pentanoic acid	243128-40-7	OC(=O)CCCC(F)OC(F)(C(F)(F)C(F)(F)C(F)(F)F	-7.22	40.74</			

QL04097	4-Bromo-2-[4,4,5,5,6,6,7,7,8,9,9-dodecafluoro-8-(trifluoromethyl)nonyl]phenol	610778-18-2	Oc1ccc(Br)cc1CCCC(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-8.08	37.21	2.71	P	IN
QL04098	2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Pentadecafluoroocetyl 4-hydroxybenzoate	869308-35-0	Oc1ccc(cc1C(=O)OCC(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-8.65	37.50	2.96	P	OUT
QL04099	4-(1,1,1,2,3,3-Heptafluoropropan-2-yl)phenol	71360-30-0	Oc1ccc(cc1C(F)(C(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-6.00	31.82	1.90	P	OUT
QL04100	4-(Tridecafluorohexyl)phenol	106877-15-0	Oc1ccc(cc1C(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-7.94	41.94	2.52	P	IN
QL04101	3-Fluoro-4-((E)-[4'-(heptafluoropropyl)[1,1'-biphenyl]-4-yl]diazenyl)phenol	113448-90-1	Oc1ccc(N=Nc2ccc(cc2)-c2ccc(cc2C(F)(F)(F)(F)(F)(F)(F)(F)c1	-8.13	18.18	3.23	P	OUT
QL04102	4-[(2,2,3,3,4,4,5,5,6,6-Undecafluorohexyl)oxy]phenol	129560-96-9	Oc1ccc(OCC(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)c1	-7.84	34.38	2.68	P	OUT
QL04103	4-(2,2,3,3,4,4,4-Heptafluorobutoxy)phenol	129560-95-8	Oc1ccc(OCC(F)(F)(F)(F)(F)(F)Fc1	-6.90	26.92	2.44	P	OUT
QL04104	4-[(3,3,4,4,5,5,6,6-Nonafluorohexyl)oxy]phenol	129560-98-1	Oc1ccc(OCCC(F)(F)(F)(F)(F)(F)(F)(F)c1	-7.42	28.13	2.64	P	OUT
QL04105	4-Hydroxyphenyl nonafluorobutane-1-sulfonate	146324-93-8	Oc1ccc(OS(=O)(=O)C(F)(F)(F)(F)(F)(F)(F)c1	-7.34	31.03	2.53	P	OUT
QL04106	3-(6,6,7,7,8,8,9,9,10,10,11,11,11-Tridecafluoroundecyl)benzene-1,2-diol	131545-70-5	Oc1cccc(CCCCCC(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)c1O	-7.98	27.66	2.91	P	OUT
QL04107	3-(12,12,13,13,14,14,15,15,15-Nonafluoropentadecyl)benzene-1,2-diol	131545-71-6	Oc1cccc(CCCCCCCCCC(F)(F)(F)(F)(F)(F)(F)(F)c1O	-7.81	15.25	3.16	P	OUT
QL04108	3-[(2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptyl)amino]phenol	1441382-30-4	Oc1cccc(NCC(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)c1	-8.01	36.11	2.71	P	OUT
QL04109	3-(Heptadecafluoroocetyl)oxan-2-ol	169213-95-0	OC1OCCCC1C(F)(C(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-8.27	41.46	2.68	P	IN
QL04110	3-(Tridecafluorohexyl)oxan-2-ol	169213-94-9	OC1OCCCC1C(F)(C(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-7.50	37.14	2.45	P	IN
QL04111	2-(3,3,4,4,5,5,6,6-Nonafluorohexyl)propane-1,3-diol	152220-76-3	OCC(CO)CCC(F)(F)(F)(F)(F)(F)(F)(F)(F)	-6.63	29.03	2.26	P	OUT
QL04112	1H,1H,3H-Perfluoro[2,4-dimethylpentan-1-ol]	25065-50-3	OCC(F)(C(F)(C(F)(F)(F)(F)(F)(F)(F)(F)(F)	-6.50	50.00	1.65	P	IN
QL04113	1H,1H-Perfluoro[3,5,5-trimethylhexan-1-ol]	232267-34-4	OCC(F)(C(F)(C(F)(F)(F)(F)(F)(F)(F)(F)(F)	-7.26	56.67	1.82	P	IN
QL04114	2,2,3,4,4,5,5,6,6,7,8,8-Tridecafluoro-3,7-bis(trifluoromethyl)octan-1-ol	232587-50-7	OCC(F)(F)(C(F)(C(F)(F)(F)(F)(F)(F)(F)(F)(F)	-8.15	57.58	2.20	P	IN
QL04115	2,2,3,4,4,4-Hexafluoro-3-(trifluoromethyl)butan-1-ol	782390-93-6	OCC(F)(F)(C(F)(C(F)(F)(F)(F)(F)(F)(F)(F)	-6.02	50.00	1.43	P	IN
QL04116	1h,1h-perfluorooctadecan-1-ol	242142-82-1	OCC(F)(F)(C(F)(C(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-10.71	61.40	3.27	P	OUT
QL04117	1H,1H-Perfluorohexadecan-1-ol	216144-94-4	OCC(F)(F)(C(F)(C(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)	-10.33	60.78	3.11	P	OUT
QL04118	1H,1H-Perfluoro-1-tetradecanol	15622-57-8	OCC(F)(F)(C(F)(C(F)(F)(F)(F)(F)(F)(F)(F)	-9.90	60.00	2.94	P	OUT
QL04119	111 Fluorotelomer alcohol	423-65-4	OCC(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(F	-9.40	58.97	2.74	P	OUT
QL04120	101 Fluorotelomer alcohol	307-46-0	OCC(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)	-9.24	58.33	2.68	P	IN
QL04121	91 Fluorotelomer alcohol	307-37-9	OCC(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)	-8.81	57.58	2.51	P	IN
QL04122	1H,1H,10H,10H-Perfluorododecan-1,10-diol	754-96-1	OCC(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(CO	-8.08	47.06	2.45	P	IN
QL04123	81 Fluorotelomer alcohol	423-56-3	OCC(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)	-8.62	56.67	2.44	P	IN
QL04124	1H,1H,8H-Perfluoro-1-octanol	10331-08-5	OCC(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)	-7.83	51.85	2.21	P	IN
QL04125	1H,1H,8H,8H-Perfluorooctane-1,8-diol	90177-96-1	OCC(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(CO	-7.21	42.86	2.16	P	IN
QL04126	1H,1H,6H,6H-Perfluoro-1,6-hexanediol	355-74-8	OCC(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)(C(F)(F)	-6.07	36.36	1.81	P	IN
QL04127	1H,1H-Perfluoro-1-pentanol	355-28-2	OCC(F)(F)(C(F)(F)(C(F)(F)(F	-6.84	50.00	1.81	P	IN
QL04128	Hexafluoroamylene glycol	376-90-9	OCC(F)(F)(C(F)(F)(C(F)(F)CO	-5.63	31.58	1.74	P	OUT
QL04129	Heptafluorobutanol	375-01-9	OCC(F)(F)(C(F)(F)(C(F)(F)F	-5.89	46.67	1.46	P	IN
QL04130	21 Fluorotelomer alcohol	422-05-9	OCC(F)(F)(C(F)(F)F	-5.45	41.67	1.39	P	IN
QL04131	1H,1H,3H-Perfluorobutanol	NOCAS_870523	OCC(F)(F)(C(F)(F)F	-5.58	40.00	1.49	P	IN
QL04132	2,2,3,3-Tetrafluoro-1-propanol	76-37-9	OCC(F)(F)(C(F)F	-5.00	33.33	1.41	P	IN
QL04133	2,2,3-Trifluoro-3-(heptafluoropropoxy)propan-1-ol	73320-57-7	OCC(F)(F)(C(F)OC(F)(F)(C(F)(F)(F)F	-7.24	45.45	2.11	P	IN
QL04134	1h,1h-perfluoro-3,6-dioxadecan-1-ol	152914-73-3	OCC(F)(F)OC(F)(F)(C(F)(F)OC(F)(F)C(F)(F)(F)F	-8.48	51.72	2.51	P	IN
QL04135	1h,1h-perfluoro-3,6,9-trioxadecan-1-ol	317817-24-6	OCC(F)(F)OC(F)(F)(C(F)(F)OC(F)(F)C(F)(F)C(F)(F)F	-9.38	52.78	2.89	P	OUT
QL04136	1H,1H,11H,11H-Perfluorotetraethylene glycol	330562-44-2	OCC(F)(F)OC(F)(F)(C(F)(F)OC(F)(F)C(F)(F)CO	-7.80	38.71	2.54	P	IN
QL04137	Fluorinated triethylene glycol monomethyl ether	147492-57-7	OCC(F)(F)OC(F)(F)(C(F)(F)OC(F)(F)C(F)(F)F	-8.31	48.15	2.52	P	IN
QL04138	1H,1H-Nonafluoro-3,6-dioxahexan-1-ol	330562-43-1	OCC(F)(F)OC(F)(F)(C(F)(F)OC(F)F	-7.43	45.00	2.21	P	IN
QL04139	2,3,3,3-Tetrafluoro-2-(perfluoropentoxyl)propan-1-ol	78693-85-3	OCC(F)(OC(F)(F)(C(F)(F)(C(F)(F)C(F)(F)C(F)F	-7.95	53.57	2.22	P	IN
QL04140	2-(Perfluoropropoxy)-1H,1H-perfluoropropanol	26537-88-2	OCC(F)(OC(F)(F)(C(F)(F)(F)(F)F	-6.99	50.00	1.87	P	IN
QL04141	Perfluoro(2-(2-propoxypropoxy)-1H,1H-propan-1-ol)	14548-74-4	OCC(F)(OC(F)(F)(C(F)(F)(C(F)(F)(F)(F)C(F)(F)F	-8.36	53.13	2.42	P	IN
QL04142	2,3,3,3-Tetrafluoro-2-(1,1,2,3,3,3-hexafluoro-2-(1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy)propan-1-ol	14620-81-6	OCC(F)(OC(F)(F)(C(F)(OC(F)(F)(C(F)(F)(C(F)(F)(F)(F)C(F)(F)C(F)(F)F	-9.02	54.76	2.67	P	IN
QL04143	2,4,4,5,7,7,8,10,10,11,13,13,14,14,15,15-Heptadecafluoro-2,5,8,11-tetrakis(trifluoromethyl)-3,6,9,12-tetraoxapentadecan-1-ol	141977-66-4	OCC(F)(OC(F)(F)(C(F)(OC(F)(F)(C(F)(OC(F)(F)(C(F)(F)(F)(F)C(F)(F)C(F)(F)F	-9.82	55.77	3.01	P	OUT
QL04144	2,4,4,5,7,7,8,10,10,11,13,13,14,16,16,17,17,18,18,18-Icosafluoro-2,5,8,11,14-pentakis(trifluoromethyl)-3,6,9,12,15-pentaaoxaoctadecan-1-ol	27617-34-1	OCC(F)(OC(F)(F)(C(F)(OC(F)(F)(C(F)(OC(F)(F)(C(F)(F)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.26	56.45	3.19	P	OUT
QL04145	2,4,4,5,7,7,8,10,10,11,13,13,14,16,16,17,19,19,20,20,21,21,21-Tricosafluoro-2,5,8,11,14,17-hexakis(trifluoromethyl)-3,6,9,12,15,18-hexaoxaheicosan-1-ol	167631-99-4	OCC(F)(OC(F)(F)(C(F)(OC(F)(F)(C(F)(OC(F)(F)(C(F)(F)(C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-10.82	56.94	3.44	P	OUT
QL04147	4,5,5,5-Tetrafluoro-2-iodo-4-(trifluoromethyl)pent-2-en-1-ol	261760-25-2	OCC(I)=CC(F)(F)(C(F)(F)F	-6.13	42.11	1.69	P	IN
QL04149	4,4,5,5,6,6,7,7,8,9,9,9-Tridecafluoro-2-iodonon-2-en-1-ol	261761-01-7	OCC(I)=CC(F)(F)(C(F)(F)(C(F)(F)(F)(F)C(F)(F)C(F)(F)F	-8.27	50.00	2.45	P	IN
QL04150	4,4,5,5,6,6,6-heptafluoro-2-iodohex-2-en-1-ol	92835-82-0	OCC(I)=CC(F)(F)(C(F)(F)(F)F	-6.67	42.11	1.93	P	IN
QL04152	4,5,5,5-Tetrafluoro-2-iodo-4-(trifluoromethyl)pentan-1-ol	114810-56-9	OCC(I)CC(F)(C(F)(F)(F)F	-5.90	38.10	1.69	P	IN
QL04153	4,4,5,5,6,6,7,7,8,9,9,9-dodecafluoro-2-iodo-8-(trifluoromethyl)nonan-1-ol	16083-62-8	OCC(I)CC(F)(F)(C(F)(F)(F)(F)(F)(F)(F)C(F)(F)F	-8.12	48.48	2.43	P	IN
QL04154	4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11-Hexadecafluoro-2-iodo-10-(trifluoromethyl)undecan-1-ol	65726-35-4	OCC(I)CC(F)(F)(C(F)(F)(F)(F)(F)(F)(F)(F)(F)(F)C(F)(F)C(F)(F)F	-8.82	51.28	2.67	P	IN

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QL04393	ether-substituted Perfluoroalkyl (linear) sulfonic acids, i, n=1	159381-10-9	S(=O)(O)(=O)C(F)F)OC(F)F)C(F)F)C(F)F)F	-6.87	50.00	1.82	P	IN
QL04394	N-methyl perfluorohexane sulfonamido acetic acid, n=6		S(N(C)CC(O)=O)(=O)(=O)C(F)F)C(F)F)C(F)F)C(F)F)F	-7.71	38.24	2.51	P	IN
QL04395	N-methyl perfluoropentane sulfonamido acetic acid, n=5		S(N(C)CC(O)=O)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.43	35.48	2.45	P	IN
QL04396	N-methyl perfluorobutane sulfonamido acetic acid, n=4		S(N(C)CC(O)=O)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-6.77	32.14	2.24	P	OUT
QL04397	N-methyl perfluoropropane sulfonamido acetic acid, n=3		S(N(C)CC(O)=O)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-6.40	28.00	2.18	P	OUT
QL04398	N-methyl perfluoroalkanesulfonamido quaternary ammonium, n=8		S(N(C)CCC[N+](C)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)C(F)F)C(F)F)C(F)F)F	-8.21	30.91	2.94	P	OUT
QL04399	N-methyl perfluoroalkanesulfonamido quaternary ammonium, n=7		S(N(C)CCC[N+](C)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)C(F)F)C(F)F)F	-8.00	28.85	2.89	P	OUT
QL04400	N-methyl perfluoroalkanesulfonamido quaternary ammonium, n=6		S(N(C)CCC[N+](C)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)C(F)F)F	-7.53	26.53	2.74	P	OUT
QL04401	N-methyl perfluoroalkanesulfonamido quaternary ammonium, n=5		S(N(C)CCC[N+](C)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.28	23.91	2.70	P	OUT
QL04402	N-methyl perfluoroalkanesulfonamido quaternary ammonium, n=4		S(N(C)CCC[N+](C)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-6.72	20.93	2.52	P	OUT
QL04403	N-methyl perfluoroalkanesulfonamido quaternary ammonium, n=3		S(N(C)CCC[N+](C)(C)C)(=O)(=O)C(F)F)C(F)F)F	-6.37	17.50	2.45	P	OUT
QL04404	N-methyl perfluoroalkanesulfonamido quaternary ammonium, n=2		S(N(C)CCC[N+](C)(C)C)(=O)(=O)C(F)F)F	-5.67	13.51	2.23	P	OUT
QL04405	perfluoroalkanesulfonamido sulfonate betaine D, n=6		S(N(C)CCC[N+](CCCS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)C(F)F)F	-8.08	22.03	3.11	P	OUT
QL04406	perfluoroalkanesulfonamido sulfonate betaine D, n=5		S(N(C)CCC[N+](CCCS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.78	19.64	3.04	P	OUT
QL04407	perfluoroalkanesulfonamido sulfonate betaine D, n=4		S(N(C)CCC[N+](CCCS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.32	16.98	2.90	P	OUT
QL04408	perfluoroalkanesulfonamido sulfonate betaine D, n=3		S(N(C)CCC[N+](CCCS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)F	-7.02	14.00	2.84	P	OUT
QL04409	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate A, n=6		S(N(C)CC(O)=O)CCC[N+](CC(O)CS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.81	23.64	2.94	P	OUT
QL04410	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate A, n=5		S(N(C)CC(O)=O)CCC[N+](CC(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.53	21.15	2.88	P	OUT
QL04411	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate A, n=4		S(N(C)CC(O)=O)CCC[N+](CC(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.04	18.37	2.73	P	OUT
QL04412	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate A, n=3		S(N(C)CC(O)=O)CCC[N+](CC(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)F	-6.56	15.22	2.59	P	OUT
QL04413	perfluoroalkanesulfonamido quaternary ammonium sulfonate carboxylate B, n=6		S(N(C)CC(O)=O)CCC[N+](CC(O)CS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.98	20.63	3.10	P	OUT
QL04414	perfluoroalkanesulfonamido quaternary ammonium sulfonate carboxylate B, n=5		S(N(C)CC(O)=O)CCC[N+](CC(O)CS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.62	18.33	3.00	P	OUT
QL04415	perfluoroalkanesulfonamido quaternary ammonium sulfonate carboxylate B, n=4		S(N(C)CC(O)=O)CCC[N+](CC(O)CS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.20	15.79	2.87	P	OUT
QL04416	perfluoroalkanesulfonamido quaternary ammonium sulfonate carboxylate B, n=3		S(N(C)CC(O)=O)CCC[N+](CC(O)CS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)F	-6.88	12.96	2.80	P	OUT
QL04417	perfluoroalkanesulfonamido quaternary ammonium sulfonate carboxylate A, n=6		S(N(C)CC(O)=O)CCC[N+](CCCS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-8.00	20.97	3.10	P	OUT
QL04418	perfluoroalkanesulfonamido quaternary ammonium sulfonate carboxylate A, n=5		S(N(C)CC(O)=O)CCC[N+](CCCS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.64	18.64	3.00	P	OUT
QL04419	perfluoroalkanesulfonamido quaternary ammonium sulfonate carboxylate A, n=4		S(N(C)CC(O)=O)CCC[N+](CCCS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.21	16.07	2.87	P	OUT
QL04420	perfluoroalkanesulfonamido quaternary ammonium sulfonate carboxylate A, n=3		S(N(C)CC(O)=O)CCC[N+](CCCS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)F	-6.93	13.21	2.82	P	OUT
QL04421	perfluoroalkanesulfonamido quaternary ammonium disulfonate B, n=6		S(N(C)CC(O)CS(=O)(O)=O)CCC[N+](CC(O)CS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.81	18.31	3.09	P	OUT
QL04422	perfluoroalkanesulfonamido quaternary ammonium disulfonate B, n=5		S(N(C)CC(O)CS(=O)(O)=O)CCC[N+](CC(O)CS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)F	-7.45	16.18	2.98	P	OUT
QL04423	perfluoroalkanesulfonamido quaternary ammonium disulfonate B, n=4		S(N(C)CC(O)CS(=O)(O)=O)CCC[N+](CC(O)CS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)F	-7.06	13.85	2.86	P	OUT
QL04424	perfluoroalkanesulfonamido quaternary ammonium disulfonate B, n=3		S(N(C)CC(O)CS(=O)(O)=O)CCC[N+](CC(O)CS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)C(F)F)F	-6.68	11.29	2.75	P	OUT
QL04425	perfluoroalkanesulfonamido quaternary ammonium disulfonate B, n=2		S(N(C)CC(O)CS(=O)(O)=O)CCC[N+](CC(O)CS(=O)(O)=O)(C)C)(=O)(=O)C(F)F)F	-6.63	8.47	2.80	P	OUT
QL04426	perfluoroalkanesulfonamido quaternary diol sulfonic acid, n=6		S(N(C)CC(O)CS(O)(=O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.52	20.31	2.90	P	OUT
QL04427	perfluoroalkanesulfonamido quaternary diol sulfonic acid, n=5		S(N(C)CC(O)CS(O)(=O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)C(F)F)F	-7.24	18.03	2.83	P	OUT
QL04428	perfluoroalkanesulfonamido quaternary diol sulfonic acid, n=4		S(N(C)CC(O)CS(O)(=O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)F	-6.81	15.52	2.70	P	OUT
QL04429	perfluoroalkanesulfonamido quaternary diol sulfonic acid, n=3		S(N(C)CC(O)CS(O)(=O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)F	-6.38	12.73	2.58	P	OUT
QL04430	N-ethyl perfluorodecane sulfonamido acetic acid, n=10		S(N(C)CC(O)CS(O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)F	-8.93	42.86	2.95	P	IN
QL04431	N-ethyl perfluorononane sulfonamido acetic acid, n=9		S(N(C)CC(O)CS(O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)F	-8.73	41.30	2.90	P	IN
QL04432	N-ethyl perfluoropropane sulfonamido acetic acid, n=3		S(N(C)CC(O)CS(O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)F	-6.22	25.00	2.18	P	OUT
QL04433	N-ethyl perfluoroethane sulfonamido acetic acid, n=2		S(N(C)CC(O)CS(O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)F	-5.36	20.00	1.92	P	OUT
QL04434	perfluoroalkanesulfonamido betaine C, n=6		S(N(C)CC(O)CS(O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)F	-8.02	22.41	3.07	P	OUT
QL04435	perfluoroalkanesulfonamido betaine C, n=5		S(N(C)CC(O)CS(O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)F	-7.59	20.00	2.94	P	OUT
QL04436	perfluoroalkanesulfonamido quaternary ammonium carboxylic acid, n=6		S(N(C)CC(O)CS(O)=O)CCC[N+](CCO)(C)C)(=O)(=O)C(F)F)C(F)F)F	-7.38	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	-7.12	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)C(F)(F)F	-6.58	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)C(F)(F)F	-6.20	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	-7.75	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	-7.47	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)C(F)(F)F	-6.91	17.31	2.70	P	OUT
QL04443	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate C, 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	-7.94	21.31	3.06	P	OUT
QL04444	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate C, 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	-7.45	18.97	2.90	P	OUT
QL04445	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate C, 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)C(F)(F)F	-7.14	16.36	2.83	P	OUT
QL04446	perfluoroalkanesulfonamido quaternary ammonium dicarboxylate C, n=3	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	-6.62	13.46	2.67	P	OUT
QL04447	perfluoroalkanesulfonamido amine carboxylic acid B, n=8	S(N(CCC(=O)O)CCC[N+](CCCN(C)C(=O))(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.18	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)C(F)(F)F	-7.95	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)C(F)(F)F	-7.50	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	-7.23	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	-6.68	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	-6.31	16.67	2.44	P	OUT
QL04453	perfluorohexanesulfonamido amine sulfonic acid, n=6	S(N(CCCS(=O)(O)=O)C(CO)CCN(C)C(=O))(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.25	22.03	2.73	P	OUT
QL04454	perfluoropentanesulfonamido amine sulfonic acid, n=5	S(N(CCCS(=O)(O)=O)C(CO)CCN(C)C(=O))(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-6.97	19.64	2.67	P	OUT
QL04455	perfluoroalkanesulfonamido quaternary ammonium disulfonate A, n=8	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)C(F)(F)C(F)(F)C(F)(F)F	-8.40	22.67	3.24	P	OUT
QL04456	perfluoroalkanesulfonamido quaternary ammonium disulfonate A, n=7	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)C(F)(F)C(F)(F)F	-8.18	20.83	3.18	P	OUT
QL04457	perfluoroalkanesulfonamido quaternary ammonium disulfonate A, n=6	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)C(F)(F)F	-7.84	18.84	3.08	P	OUT
QL04458	perfluoroalkanesulfonamido quaternary ammonium disulfonate A, n=5	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	-7.54	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	-7.10	14.29	2.86	P	OUT
QL04460	perfluoroalkanesulfonamido quaternary ammonium triol sulfonic acid, 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	-6.73	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	-7.67	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	-7.33	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)F	-7.02	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)F	-6.56	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)F	-6.43	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	-8.17	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	-7.96	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)F	-7.55	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	-7.26	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)F	-6.83	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)F	-6.44	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)F	-6.30	9.80	2.62	P	OUT
QL04473	perfluoroalkanesulfonamido sulfonate betaine E, n=6	S(N(CCO)CCC[N+](CC(O)CS(=O)O)(C)C(=O))(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.98	20.31	3.11	P	OUT
QL04474	perfluoroalkanesulfonamido sulfonate betaine E, n=5	S(N(CCO)CCC[N+](CC(O)CS(=O)O)(C)C(=O))(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.65	18.03	3.02	P	OUT
QL04475	perfluoroalkanesulfonamido sulfonate betaine E, n=4	S(N(CCO)CCC[N+](CC(O)CS(=O)O)(C)C(=O))(=O)C(F)(F)C(F)(F)F	-7.20	15.52	2.88	P	OUT
QL04476	perfluoroalkanesulfonamido sulfonate betaine E, n=3	S(N(CCO)CCC[N+](CC(O)CS(=O)O)(C)C(=O))(=O)C(F)(F)F	-6.90	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	-8.39	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	-8.19	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	-7.77	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	-7.51	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)C(F)(F)F	-7.01	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)C(F)(F)F	-6.59	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)F	-5.97	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)C(F)(F)F	-7.67	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)C(F)(F)F	-7.41	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	-6.85	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	-7.97	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	-7.59	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)C(F)(F)F	-7.32	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)C(F)(F)F	-6.81	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)C(F)(F)F	-7.93	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	-7.61	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)C(F)(F)F	-7.10	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)F	-8.83	36.54	3.07	P	OUT
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	-8.22	32.61	2.89	P	OUT
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	-7.75	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)F	-7.50	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)F	-6.93	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	-6.38	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	-7.99	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)F	-7.67	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)F	-7.15	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	-6.75	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)F	-9.06	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)F	-8.72	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)F	-8.47	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)F	-8.07	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	-7.77	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)F	-7.30	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)F	-7.06	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	-8.13	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)F	-7.69	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)F	-7.35	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)F	-6.81	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	-8.10	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	-7.81	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)F	-7.34	17.65	2.89	P	OUT
QL04518	perfluoroalkanesulfonamido sulfonate betaine A, n=8	S(NCCC[N+](CCCS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.75	27.42	3.27	P	OUT
QL04519	perfluoroalkanesulfonamido sulfonate betaine A, n=7	S(NCCC[N+](CCCS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.49	25.42	3.21	P	OUT
QL04520	perfluoroalkanesulfonamido sulfonate betaine A, n=6	S(NCCC[N+](CCCS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.10	23.21	3.09	P	OUT
QL04521	perfluoroalkanesulfonamido sulfonate betaine A, n=5	S(NCCC[N+](CCCS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.80	20.75	3.01	P	OUT
QL04522	perfluoroalkanesulfonamido sulfonate betaine A, n=4	S(NCCC[N+](CCCS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.33	18.00	2.87	P	OUT
QL04523	perfluoroalkanesulfonamido sulfonate betaine A, n=3	S(NCCC[N+](CCCS(=O)(O)=O)(C)C(=O)(=O)C(F)(F)C(F)(F)F	-7.09	14.89	2.85	P	OUT
QL04524	perfluoroalkanesulfonamido sulfonate betaine C, n=6	S(NCCC[N+](CCCS(=O)(O)=O)(C)CCO(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-8.00	21.67	3.08	P	OUT
QL04525	perfluoroalkanesulfonamido sulfonate betaine C, n=5	S(NCCC[N+](CCCS(=O)(O)=O)(C)CCO(=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.70	19.30	3.01	P	OUT
QL04526	perfluoroalkanesulfonamido sulfonate betaine C, n=4	S(NCCC[N+](CCCS(=O)(O)=O)(C)CCO(=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.24	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	-8.58	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	-8.39	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	-7.97	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	-7.65	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)F	-7.14	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)F	-6.75	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	-6.12	13.16	2.45	P	OUT
QL04534	perfluoropropanesulfonamido amine, n =3	S(NCCCN(C)C)(=O)(=O)C(F)(F)C(F)(F)F	-6.57	21.21	2.44	P	OUT
QL04535	perfluoropropanesulfonamido sulfonic acid, n=6	S(NCCCS(=O)(O)=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.98	34.21	2.74	P	OUT
QL04536	perfluoropropanesulfonamido sulfonic acid, n=5	S(NCCCS(=O)(O)=O)(=O)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F	-7.73	31.43	2.70	P	OUT
QL04537	perfluoropropanesulfonamido sulfonic acid, n=4	S(NCCCS(=O)(O)=O)(=O)C(F)(F)C(F)(F)C(F)(F)F	-7.15	28.13	2.52	P	OUT
QL04538	perfluoropropanesulfonamido sulfonic acid, n=3	S(NCCCS(=O)(O)=O)(=O)C(F)(F)C(F)(F)F	-6.68	24.14	2.42	P	OUT