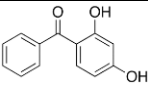
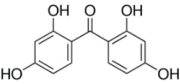
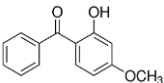
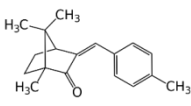
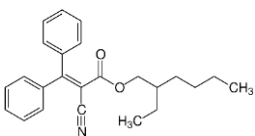
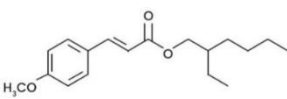
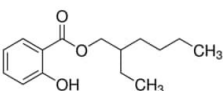
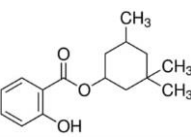
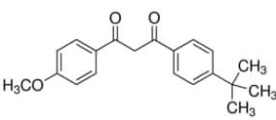


Table S1.The main characteristic of studied UV filters.

Compound	Chemical structure	Molecular weight	Log K _{ow}
BP-1		214.22	3.15
BP-2		246.21	2.78
BP-3		228.24	3.79
4-MBC		254.37	5.92
OCR		361.48	6.88
EHMC		290.40	5.80
EHS		250.33	6.36
HMS		262.36	6.34
BMDM		310.39	4.51