

**Supplementary material**

**Synthesis, characterisation and aquatic ecotoxicity of the UV filter hexyl  
2-(4-diethylamino-2-hydroxybenzoyl)benzoate (DHHB) and its chlorinated by-products**

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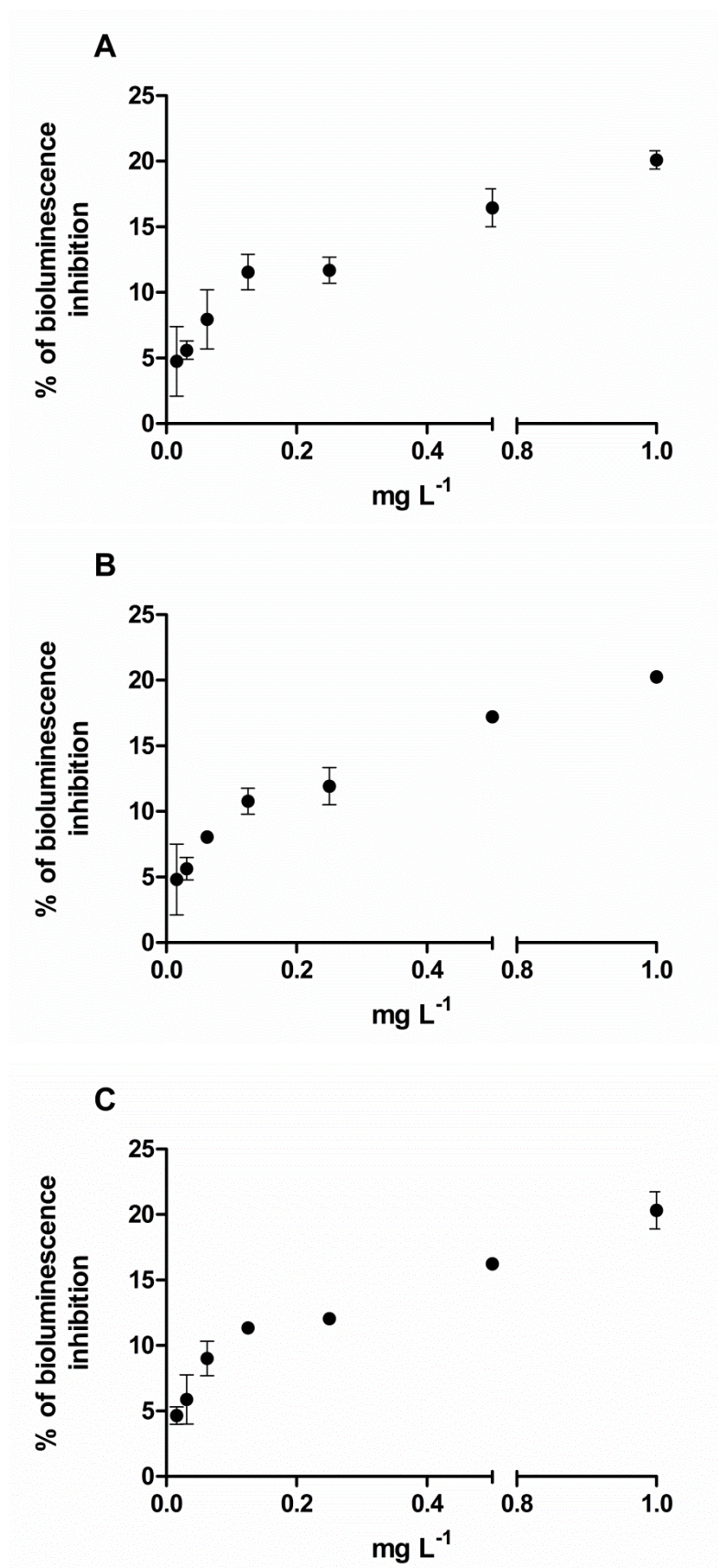
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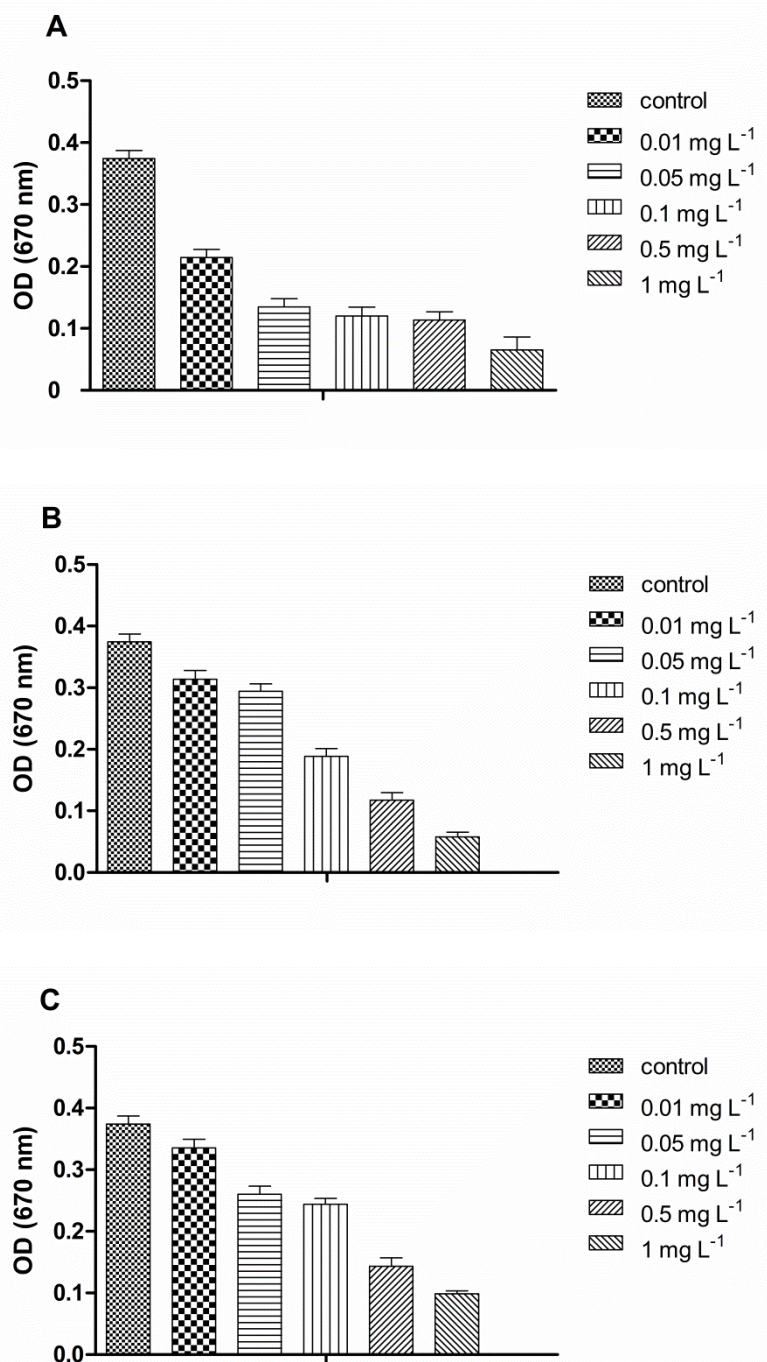
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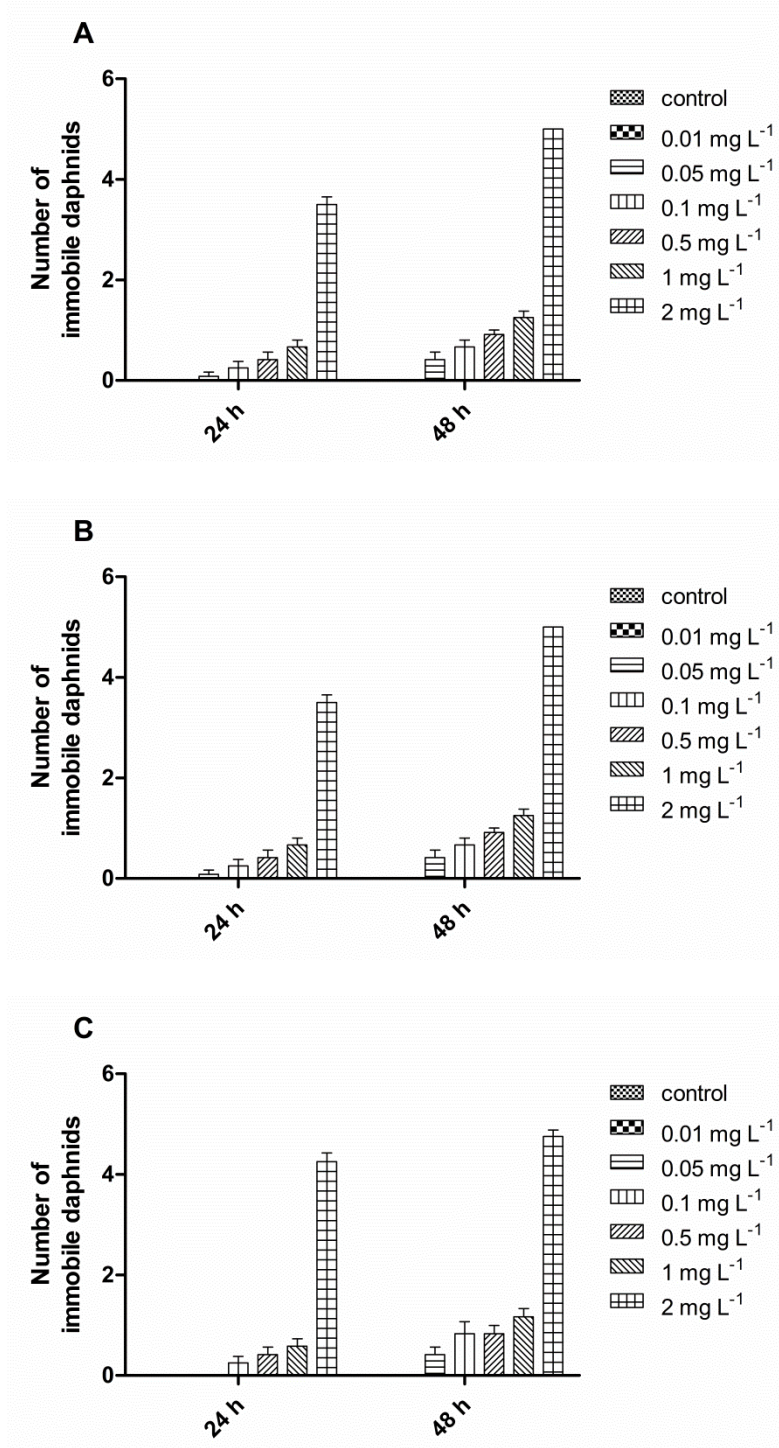
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**Fig. S1.** The bioluminescence inhibition of *Vibrio fischeri* after exposure to (a) DHHB; (b) 3-chloro DHHB; (c) 5-chloro DHHB. Black circles represent the mean values and whiskers represent standard deviation.



**Fig. S2.** Optical density (OD) expressed as an inhibition of the algal growth, exposed to (a) DHHB; (b) 3-chloro DHHB; (c) 5-chloro DHHB, relative to the control.



**Fig. S3.** Number of immobile daphnids recorded after 24- and 48-h exposure to (a) DHHB; (b) 3-chloro DHHB; (c) 5-chloro DHHB.