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Regulatory effect of hydroquinone-tetraethylene glycol conjugates on zebrafish pigmentation

Hoa Thi Le, Bin Na Hong, Young Ro Lee, Ji Hyun Cheon, Tong Ho Kang, Tae Woo Kim

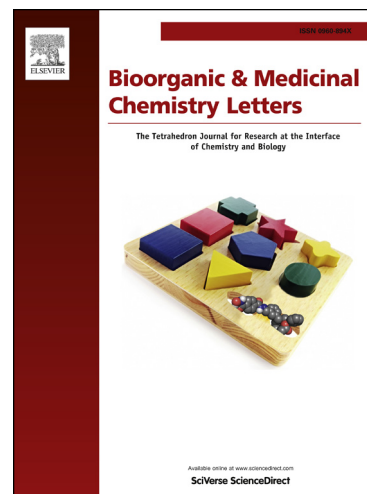
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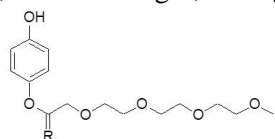
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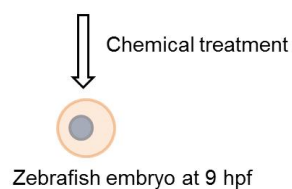
Graphical Abstract

Regulatory effect of hydroquinone-tetraethylene glycol conjugates on zebrafish pigmentation

Hoa Thi Le^{a,†}, Bin Na Hong^{b,†}, Young Ro Lee^{b,c}, Ji Hyun Cheon^a, Tong Ho Kang^{b,c,*}, Tae Woo Kim^{a,*}



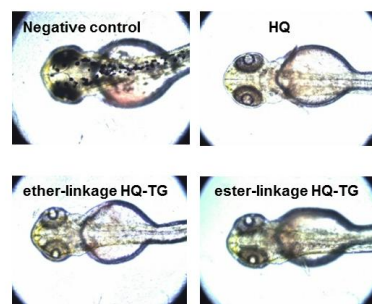
R = H₂ ether-linkage HQ-TG
R = O ester-linkage HQ-TG



Zebrafish embryo at 9 hpf

Phenotype evaluation at 72 hpf

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Regulatory effect on zebrafish pigmentation

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