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Corrigendum

Corrigendum to "Evaluation of delocalized lipophilic cationic dyes as delivery vehicles for photosensitizers to mitochondria" [Bioorg. Med. Chem. 17 (2009) 6631]

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Reason for changes

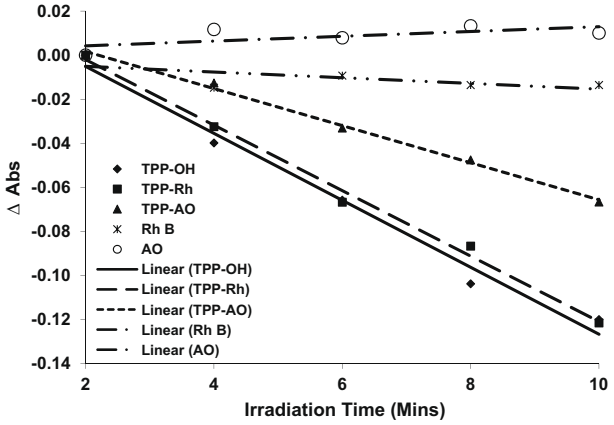
The rate of singlet oxygen generation was estimated by comparing the % absorbance from time 2 min to 10 min and not the change in the absorbance from time 2 min to 10 min. The latter is more representative of the rate of DPBF oxidation.

Request for changes

Thus, Figure 5 and Section 2.2.5 should be replaced with the followings.

2.2.5. Singlet oxygen generation

Both conjugates showed significant rates of DPBF oxidation compared to that by TPP-OH (Fig. 5). However, whereas the rate of DPBF oxidation by both TPP-OH and TPP-Rh were similar to each other, they were different from that of TPP-AO which showed a lower rate. DPBF, on the other hand, was not significantly oxidized by either Rh B or AO·HCl under the same irradiation conditions. The rates of DPBF oxidation were calculated from the time of initial irradiation (2 min) since a slight increase in absorbance was noticed from all samples upon initial irradiation (from 0 to 2 min). This increase could be attributed to an increase in temperature (~4 °C) which then led to an increase in DPBF's solubility in methanol.



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