Supporting Information

Swallow-tailed perylene derivative: a new tool for fluorescent imaging of lipid hydroperoxides

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Fig. S1 Relationship between the ratio of the fluorescence intensity of Spy-LHP and the concentration of MeLOOH. The fluorescence intensity was measured 5 min after the addition of MeLOOH (50, 100, 250, 500, 750, 1000 nM) to the Spy-LHP (1 μM) under aerobic conditions with excitation at 465 nm at 37 °C in ethanol. $F_0$ and $F$ denote the fluorescence intensity at 535 nm before and after the addition of MeLOOH, respectively.
Fig. S2  The colour versions of the Fig. 4.
**Fig. S3**  Phase contrasts and fluorescence images of DPPP=O in live J774A.1 cells.  Scale bar indicates 15 µm.