Electronic Supporting Information

A highly selective AIE fluorogen for lipid droplet imaging in live cells and green algae

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Fig. S1 Absorption spectra of TPE-AmBr and TPE-AmAl in pure THF solutions. Concentration: 10 μM.



Fig. S2 (A) Absorption and (B) emission spectra of TPE-AmAl in different solvents. Excitation wavelength: 405 nm.



Fig. S3 Cytotoxicity of TPE-AmAl at different concentrations on HeLa and liver LO2 cells determined by MTT assay.



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Fig. S6 Confocal images of oleic acid (50 μ M)-treated HeLa cells stained with TPE-AmAl (10 μ M) for 15 min. (A) Phase contrast, (B) upon excited at 405 nm, and (C) merged image of panels A and B.



Fig. S7 Signal loss (%) of fluorescence intensity of Nile red in oleic acid-treated HeLa cells with scanning time. Staining time: 5min; scanning speed: 11.22 s/scan; excitation wavelength: 488 nm.



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