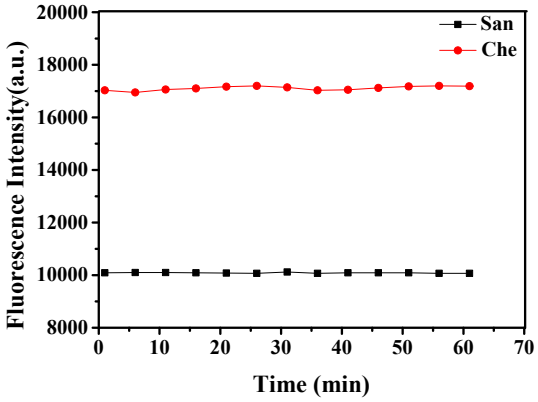

Figure S1. The time courses of fluorescence intensity of San (20 μM) in CH_3OH/H_2O (2:8 v:v) mixture and Che (20 μM) in CH_3OH/H_2O (1:9 v:v) mixture during 1 h. The fluorescence intensity is measured at $\lambda_{ex/em}$ = 385/582 nm of San and $\lambda_{ex/em}$ = 380/570 nm of Che.

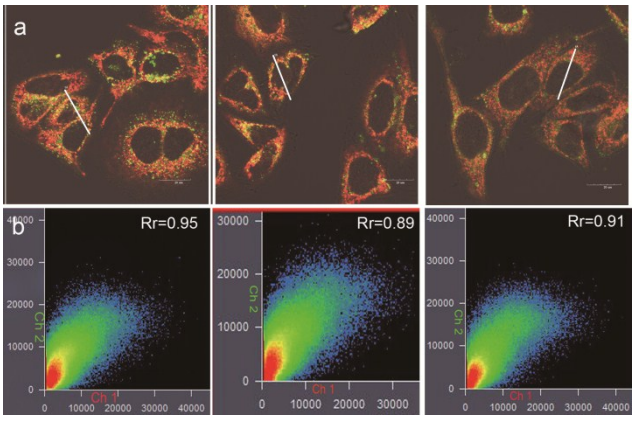

Figure S2. Co-localized images of tumor cells and the intensity scatter plot of the channel of Che and Mito-tracker. (a) co-localized images of RKO cell, $HepG_2$ cell and U_{87} cell, respectively; (b) the intensity scatter plot of the channel of Che and Mito-tracker in regions of interest (ROI) in RKO cell, $HepG_2$ cell and U_{87} cell, respectively.

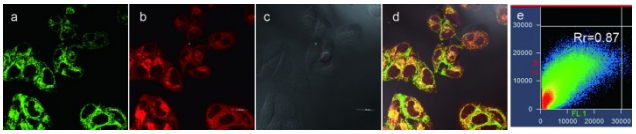

Figure S3. Co-localized images of Hela cells stained with San (50 μM) for 30 minutes and Mito Tracker Red (200 nM) for 15 minutes. (a) confocal image in green channel; (b) confocal image in red channel; (c) bright-field image; (d) merged image of (a), (b) and (c); (e) the intensity scatter plot of the channel of San and Mito-tracker. Scale bar = 20 μm.