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## **Supporting Information**





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15 Figure S1. Effects of different concentrations of DSPE-MPEG2000 at ethanol solution inlet

16 on average particle size and PDI of liposomes.





**Figure S3.** Cell viability of MCF-7 treated with free AP-3 (30  $\mu$ M) at 6 h, 12 h and 24 h.



26 Figure S4. Calcein-AM/PI and DAPI staining. Free AP-3, AI-TSL and AI-TSL+NIR (AP-3=30

 $_{27}~\mu M)$  treated MCF-7 cells for 12 h. Scale bar = 200  $\mu m.$ 



Figure S5. Hemolytic activity of Free AP-3 and AI-TSL at different concentrations toward
human erythrocytes.



Figure S6. Hemolytic activity of different preparations at the same concentration (AP-3 = 30  $\mu$ M, ICG = 9.5  $\mu$ M) toward human erythrocytes.



Figure S7. Hydrodynamic size of LPS. 10 ml 5% glucose solution was injected into the
ampoule before it being shaken on a vortex shaker for 5 min to dissolve the drug completely.
The size and PDI were measured by DLS after 20-fold dilution with 5% dextrose.