

Electronic Supplementary Information

Blood-Brain Barrier Penetrating Liposome with Synergistic Chemotherapy for Glioblastoma Treatment

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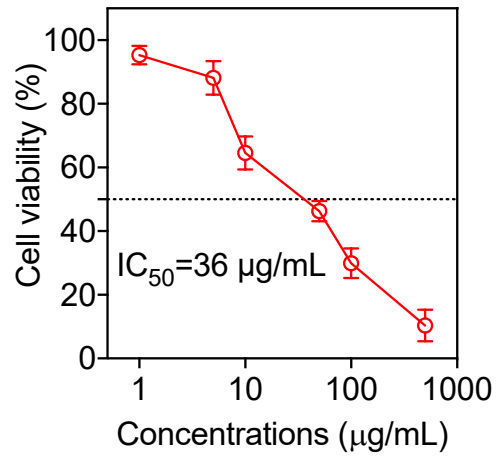


Figure S1. Cell viability of GL261 treated with TMZ at different ratios. The cells were incubated with TMZ for 24 h and applied to MTT assay.

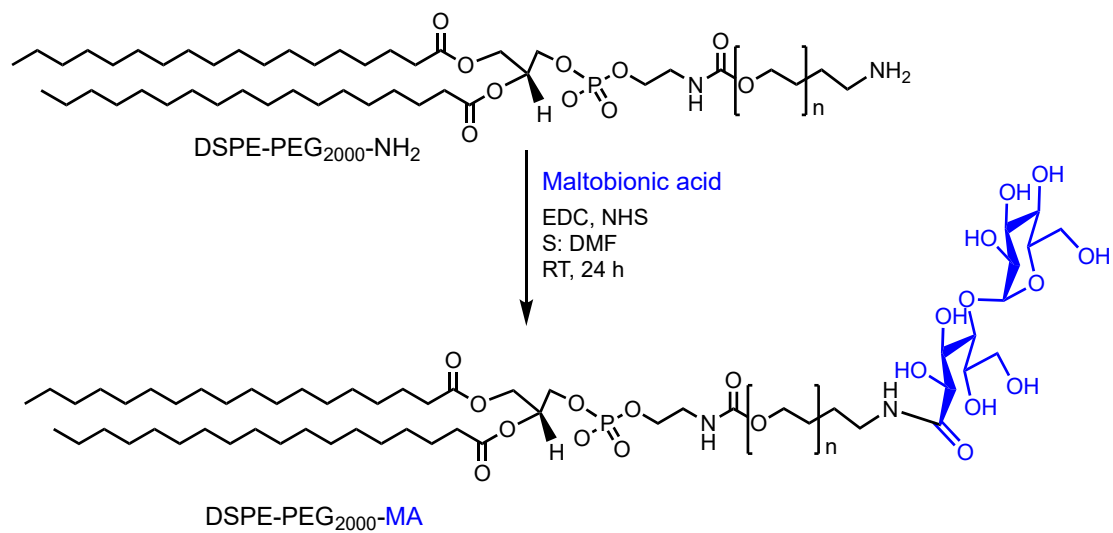


Figure S2. Synthesis of DSPE-PEG₂₀₀₀-MA.

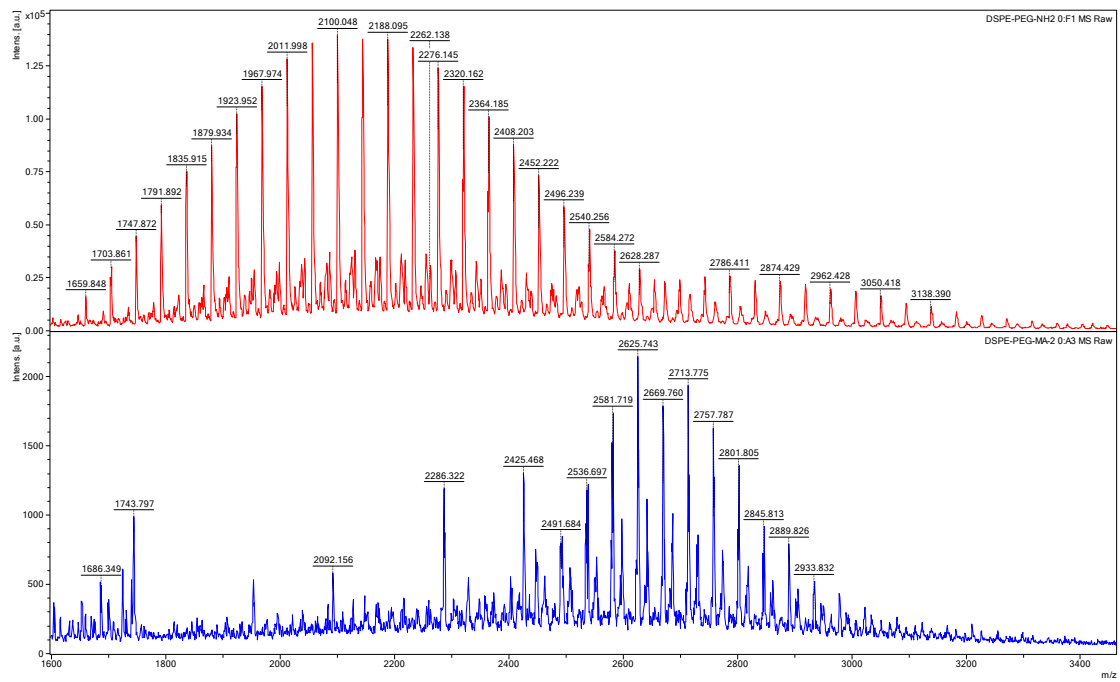


Figure S3. The MS spectra showed that the DSPE-PEG₂₀₀₀-MA was successfully synthesized.

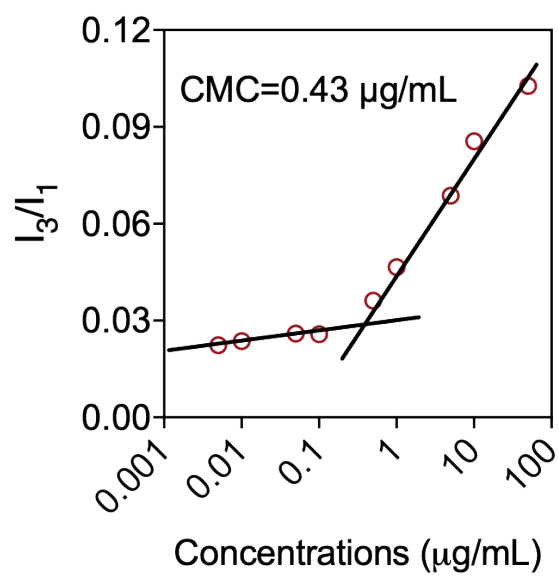


Figure S4. The critical micelle concentration (CMC) of gLTP. The concentration was determined by the adding amounts of PC.

Table S1. The material profiles of the liposomal formulations.

Liposomes	D_{hyd} (nm)	PDI
LTP	131±15	0.203
gLTP	133±13	0.246
LR	123±9	0.212
gLR	126±11	0.189
LMag	135±6	0.226
gLMag	137±8	0.243

D_{hyd} is hydrodynamic diameter; PDI denotes polydispersity index.