

## Supporting Information

### Muscone/RI7217 co-modified upward messenger DTX liposomes enhanced permeability of blood–brain barrier and targeting glioma

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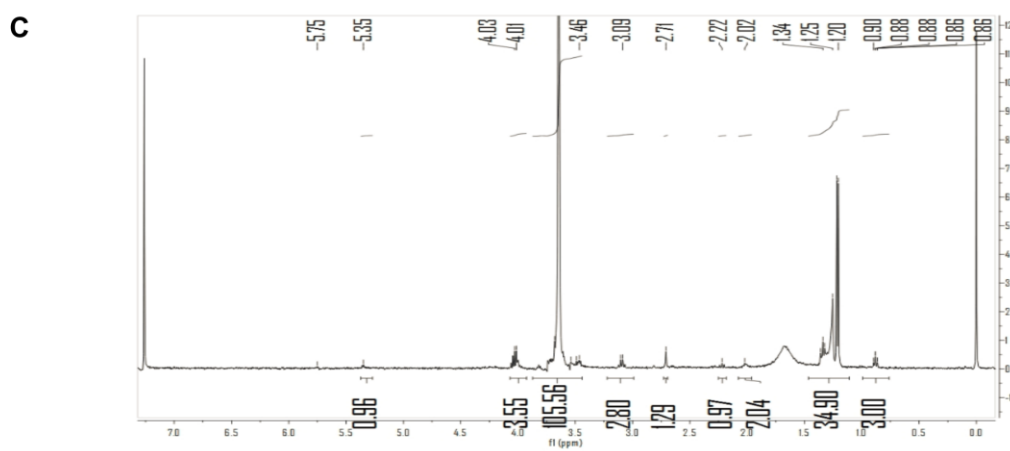
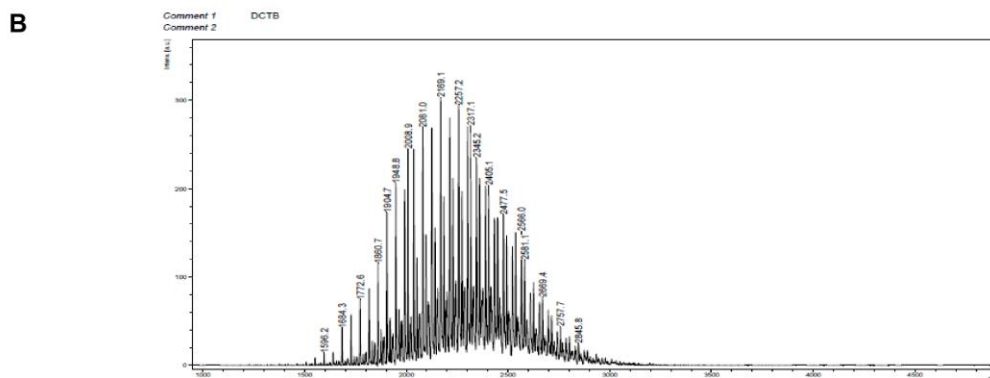
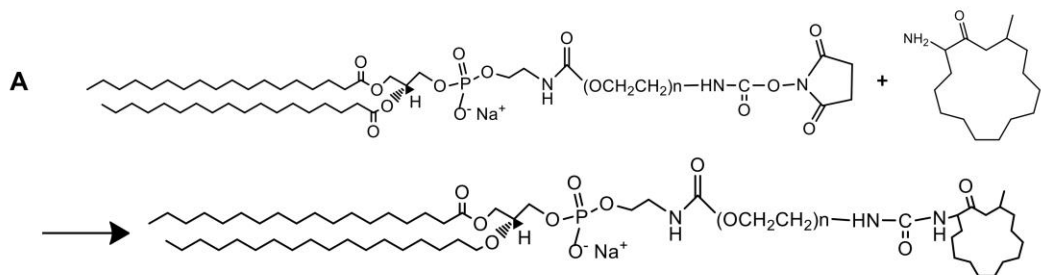
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**Figure.S1** (A) Chemical diagram of Muscone and DSPE-PEG<sub>2000</sub>-NHS. (B) Flight Mass Spectrum of DSPE-PEG<sub>2000</sub>-Muscone. (C) <sup>1</sup>H NMR spectrum of DSPE-PEG<sub>2000</sub>-Muscone