

Supplementary Information

Novel pH-responsive cubosome and hexosome lipid nanocarriers of SN-38 are prospective for cancer therapy

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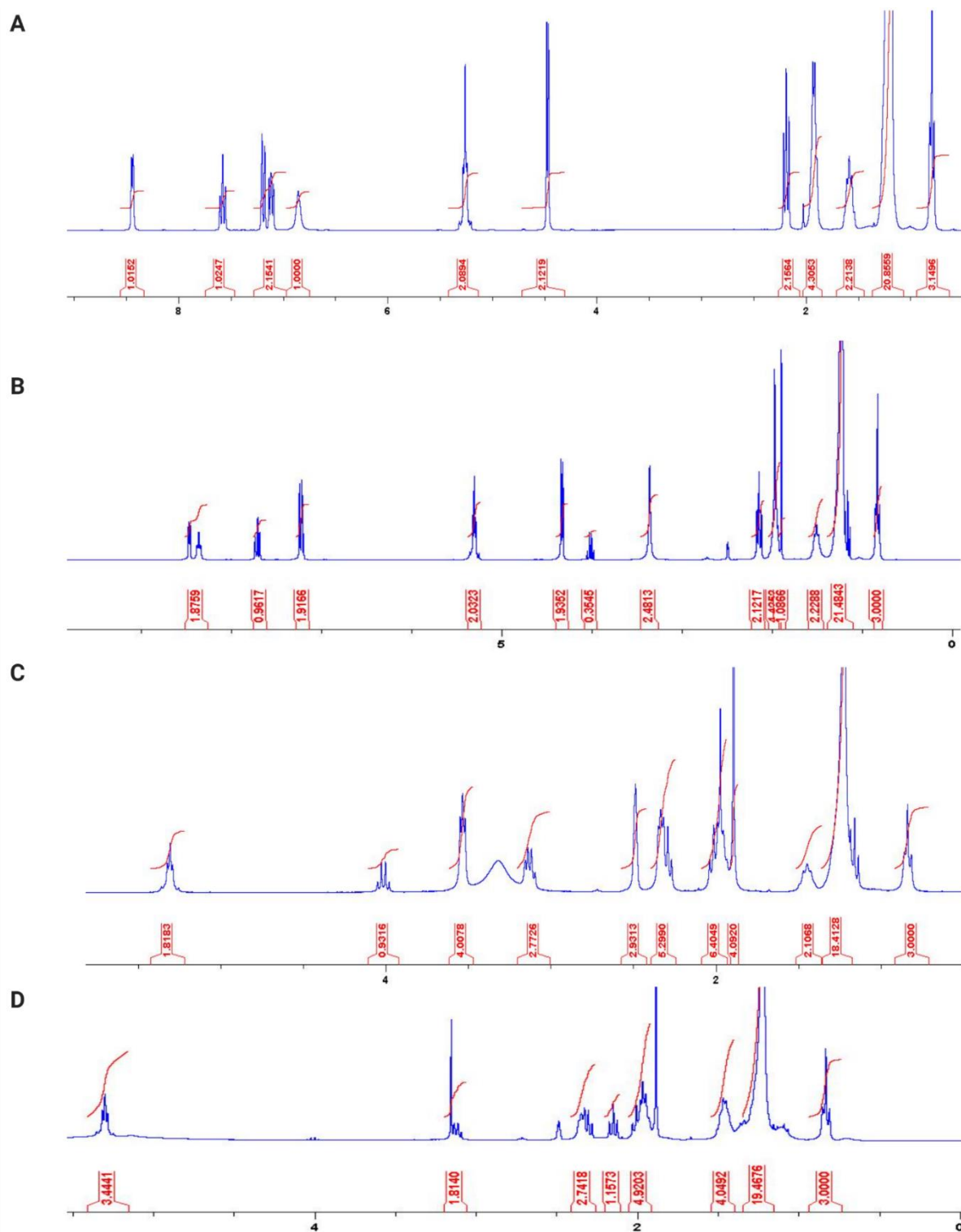


Figure S1. Proton NMR spectra for synthesised ionisable amino lipids. A) ^1H spectra for OAPy-4 B) ^1H spectra for OAPy-2 C) ^1H spectra for OAMo-1 and D) ^1H spectra for OAPi-1.

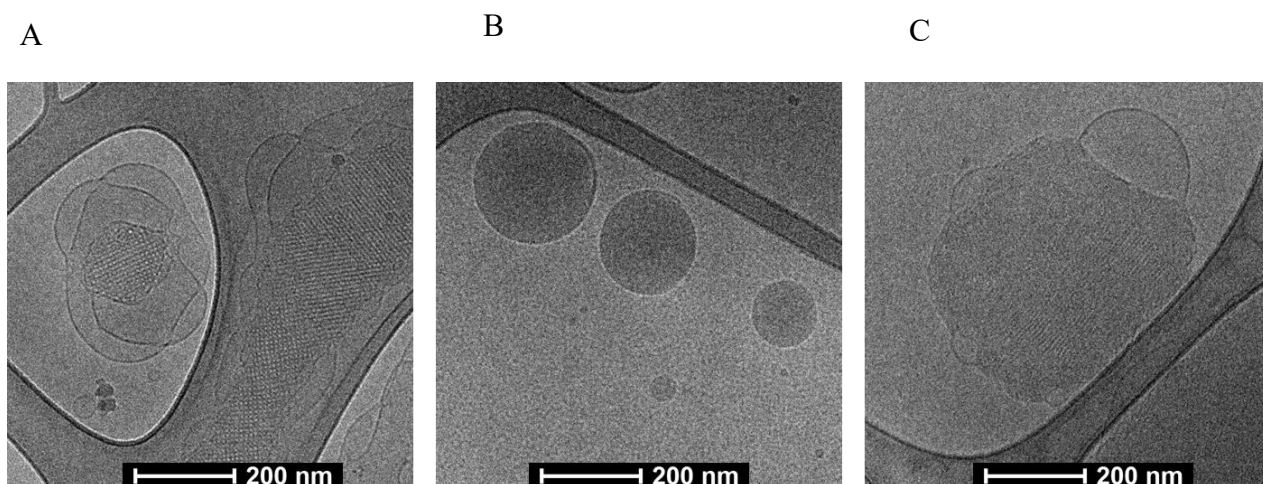


Figure S2. Representative cryo-TEM images of lipid nanoparticles consisting of (A) MO-F127, (B) MO- OAPy-4 -F127 at pH 7, and (C) MO- OAPy-4 -F127 at pH 5. The ratio of OAPy-4 to MO in these formulations is 0.4.