

Supplemental Information

Rhombohedral Trap for Studying Molecular Oligomerization in Membranes: Application to Daptomycin

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Fig S1. Grazing angle diffraction patterns of the lamellar (L), rhombohedral (R) and hexagonal (H) phases (reproduced from ref 36 for convenience).

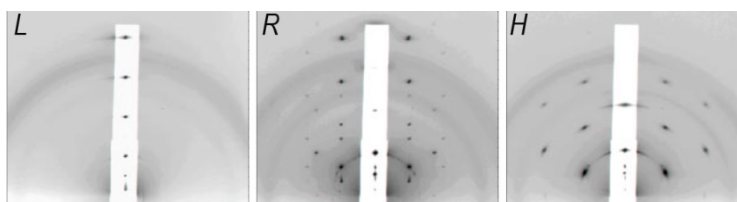


Fig S2 Structural formula of daptomycin with CPKTM space filling atomic models. Two sides of the CPK model of daptomycin are shown along with lipid DOPG. Their sizes are in proportion to each other (reproduced from ref. 26).

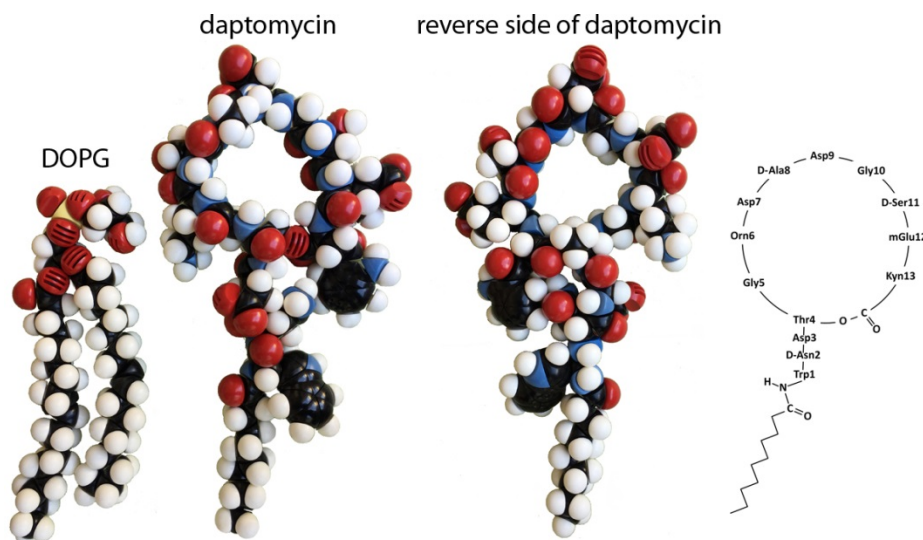


Fig. S3 CD spectra of daptomycin in different daptomycin/Ca²⁺/PG compositions. Shown here are the CD spectra of 40 μM daptomycin with 800 μM 7:3 DOPC/DOPG in 10 mM Tris buffer at pH 7.4 with Ca²⁺ concentrations between 0 and 103 μM . Each spectrum can be fit by a linear combination (dotted line) of two basis spectra A and B, with the percentage of B indicated. A is the CD with no Ca²⁺; B is the CD with 97 μM CaCl₂. (Reproduced from ref. 26, Fig. 3)

