

Figure S1: ³¹P NMR spectra of **(A)** 2.65 mM lipid II in 360mM of DPC-d₃₈ in the presence of 22.5mM NAI-107. **(B)** 2.65 mM lipid II in 360mM of DPC-d₃₈. **(C)** 360mM of DPC-d₃₈. All solutions in 25mM imidazole-d₄, 1mM NaN₃ and 17.2mM of TSP-d₄ (sodium trimethylsilylpropionate) in 90% H₂O/10% D₂O, pH 6.50. All spectra are scaled to the DPC peak at –3.4 ppm, different noise levels reflect different numbers of scans recorded. Spectra were processed with 2 Hz exponential line broadening.