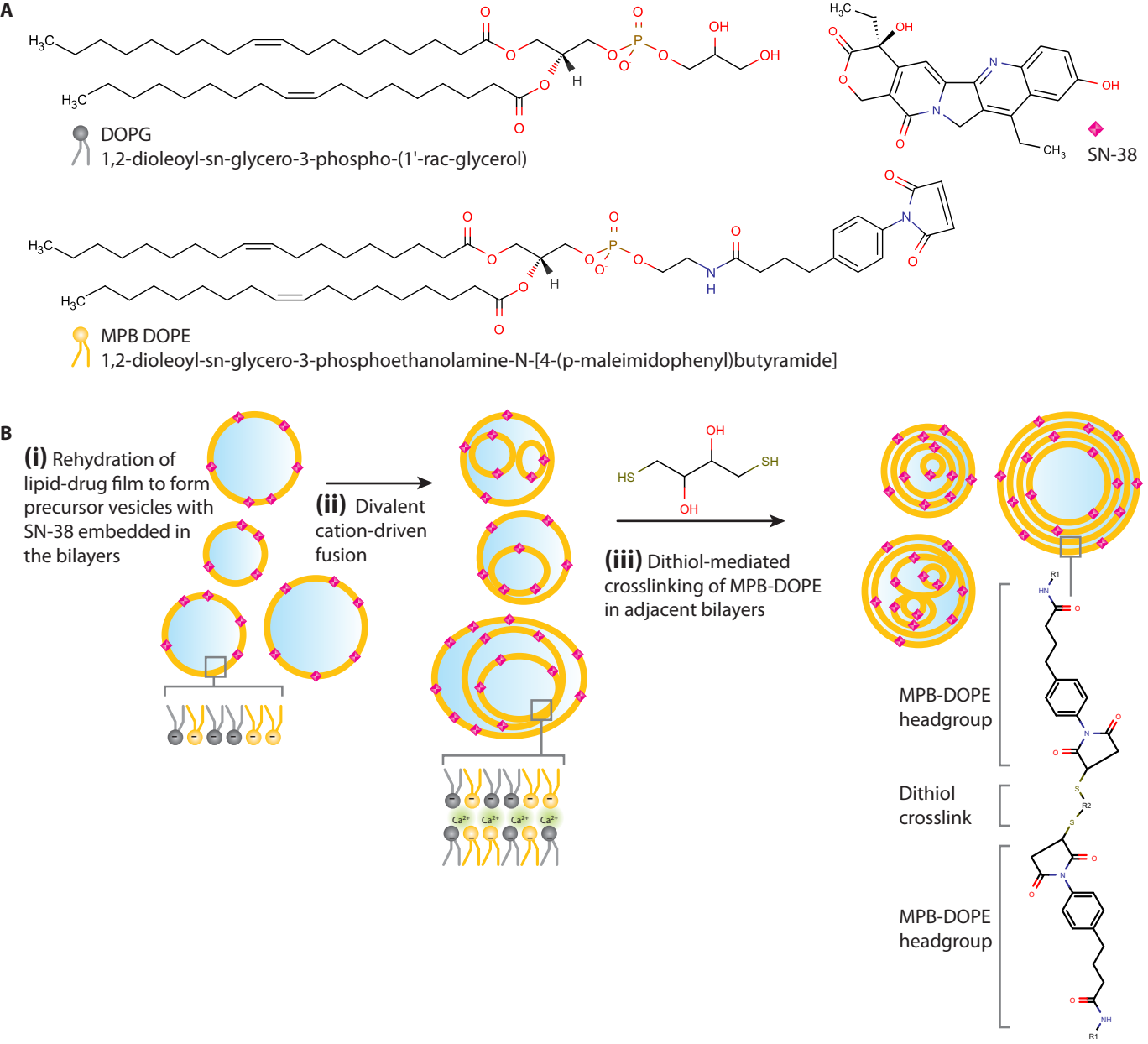
A
DOPG
1,2-dioleoyl-sn-glycero-3-phospho-(1'-rac-glycerol)
SN-38
MPB DOPE
1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-[4-(p-maleimidophenyl)butyramide]
B
(i) Rehydration of lipid-drug film to form precursor vesicles with SN-38 embedded in the bilayers
(ii) Divalent cation-driven fusion
(iii) Dithiol-mediated crosslinking of MPB-DOPE in adjacent bilayers
MPB-DOPE headgroup
Dithiol crosslink
MPB-DOPE headgroup