

# Lipids for Liposome Formation

Name	Fatty Acid	Transition Temperature (°C)	Net Charge at pH 7.4	Product Number
DLPC	12:0	-1	0	850335
DMPC	14:0	23	0	850345
DPPC	16:0	41	0	850355
DSPC	18:0	55	0	850365
DOPC	18:1	-20	0	850375
DMPE	14:0	50	0	850745
DPPE	16:0	63	0	850705
DOPE	18:1	-16	0	850725
DMPA•Na	14:0	50	-1.3	830845
DPPA•Na	16:0	67	-1.3	830855
DOPA•Na	18:1	-8	-1.3	840875
DMPG•Na	14:0	23	-1	840445
DPPG•Na	16:0	41	-1	840445
DOPG•Na	18:1	-18	-1	840475
DMPS•Na	14:0	35	-1	840033
DPPS•Na	16:0	54	-1	840037
DOPS•Na	18:1	-11	-1	840035
DOPE-Glutaryl•(Na) <sub>2</sub>	18:1	~-10	-2	870242
Tetramyristoyl Cardiolipin•(Na) <sub>2</sub>	14:0	59	-2	710332
DSPE-mPEG-2000•Na	18:0	N/A	-1	880120
DSPE-mPEG-5000•Na	18:0	N/A	-1	880220
DSPE-Maleimide PEG- 2000•Na	18:0	N/A	-1	880126
DOTAP•Cl	18:1	~-0	+1	890890

## References

Marsh, D. (2012) Thermodynamics of phospholipid self-assembly. *Biophys J* 102:1079-87. [PubMed]