



Avanti[®]
POLAR LIPIDS, INC.

cGMP LIPIDS

Product	Part Number	Phase Supported ¹	DMF No. ²
Semi-Synthetic Phosphatidylcholine			
DMPC	730345	C	25490
DPPC	730355	C	30760
DSPC	730365	C	25436
DEPC	730398	C	14604
DOPC	730375	C	23645
POPC	770557	C	16725 [†]
Semi-Synthetic Phosphatidylglycerol			
DMPG	730445	T	17223 [‡]
DPPG	730455	T	9727
DSPG	730465	T	32215
POPG	730257	D	Pending
Semi-Synthetic Phosphatidylethanolamine			
DLPE	770702	D	Pending
DMPE	770745	D	Pending
DPPE	770705	D	Pending
DSPE	770715	D	Pending
DOPE	770725	T	9192
Synthetic Monophosphoryl Lipid A (MPLA) Adjuvants			
PHAD [®]	770030	T	15738 [‡]
3D-PHAD [®]	770040	T	17259 [‡]
3D(6-acyl)-PHAD [®]	770050	D	18353 [‡]
Miscellaneous			
Tricaprylin	730412	C	31820
Triolein	770110	C	12104
DOTAP	770890	T	16609
Cholesterol, plant	770100	T	23761
DSPE-PEG(2K)-Mal	770126	T	19041
DSPE-mPEG(2000)	770120	T	Pending

¹ D – suitable for development and preclinical tox studies
T – suitable for early clinical trial (Phase I/II) manufacturing
C – suitable for Phase III and commercial manufacturing

² Unless otherwise noted, the DMF is filed with CDER
† – currently inactive
‡ – DMF filed with CBER

Solutions for the entire product cycle: Research to Commercialization.



cGMP Manufacturing API, Excipient, & Contract Manufacturing.

- FDA inspected since 1990; Drug, Animal Drug, and Pre-Approval Inspections; current EIR available upon request.
- Manufacture cGMP quality materials from 50g to 25kg batches
- Maximum annual capacity: 2 MT per shift
- Contract manufacturing of proprietary lipid products available

More than Lipids