

MPLA (PHAD[®])Monophosphoryl Lipid A (Synthetic) (PHAD[®])

699800P-1mg

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Molecular Weight 1763.469
Chemical Formula $C_{96}H_{184}N_3O_{22}P$
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5086PGB033
Avanti Lot Number 699800P-1MG-B-033

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (75:25:3 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
TOF-MS	$[M-NH_4]^+ = 1745.469 \pm 1$ amu	$[M-NH_4]^+ = 1744.27$ amu
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)



Approved By:

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