

Certificate of Analysis

Product Name	Monophosphoryl lipid A (MPLA; Glucopyranosyl lipid A)
Catalog No.	V50923
Batch No.	V5092301

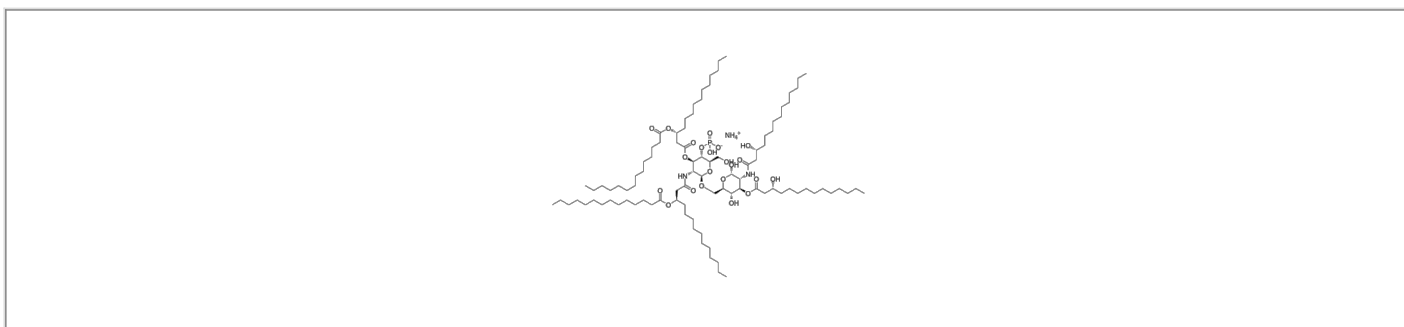
1. Physical and Chemical Properties

Appearance	powder
Molecular Formula	C ₉₆ H ₁₈₄ N ₃ O ₂₂ P
Molecular Weight	1763.5008
Purity	=99.80%
CAS No.	1246298-63-4
Production Date	
Retest Date	2027-06-27

2. Analytical Data

Test Item	Specification	Result
HPLC	≥98%	=99.80%
NMR	Consistent with structure	Confirms
Mass Spectrum	Consistent with structure	Confirms

3. Structure



4. Storage Condition

Storage Condition	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month
Note: Please store this product in a sealed and protected environment, avoid exposure to moisture.			

Products are for research use only • Not for human or veterinary use