

C16 PEG5000 Ceramide

N-palmitoyl-sphingosine-1-{succinyl[methoxy(polyethylene glycol)5000]}

880280P-25mg

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Molecular weight	5629.939 (average MW due to polydispersity of PEG)
Chemical formula	C ₂₇ H ₅₂ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6311PJB012
Lot Number	880280P-25MG-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform:Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	99.8% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved By:



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