

D-threo-PPMP

1R,2R-(+)-1-phenyl-2-palmitoylamino-3-N-morpholine-1-propanol

870792P-5mg

Page 1 of 1

Molecular Weight	474.719
Chemical Formula	C ₂₉ H ₅₀ N ₂ O ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6255PHB021
Lot Number	870792P-5MG-B-021

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: negative Water dip: one major spot	All Pass
HPLC-ELSD	Purity NLT 97% PPMP (AUC)	99.1% (AUC)
HPLC-ELSD (Chirality)	Enantiomeric Purity D-threo-PPMP NLT 96% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 475.719 ± 1 amu	[M+H] ⁺ = 475.7 amu

Approved by:



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