

**D-threo-PPMP**

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

**870792P-5mg**

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<b>Molecular Weight</b>	474.719
<b>Chemical Formula</b>	C <sub>29</sub> H <sub>50</sub> N <sub>2</sub> O <sub>3</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6255PHA021
<b>Lot Number</b>	870792P-5MG-A-021

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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] <sup>+</sup> = 475.719 ± 1 amu	[M+H] <sup>+</sup> = 475.7 amu

Approved by:

