

5-DOXYL Stearic acid, ammonium salt

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810612P-5MG

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Molecular Weight	401.60
Chemical Formula	C ₂₂ H ₄₅ N ₂ O ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6570PHG010
Avanti Lot Number	810612P-5MG-G-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White powder which contains no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 383.61 ± 1 amu	[M-NH ₄] ⁺ = 383.6 amu

Approved By:



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