

Mito-So

Mito-caged sphingosine

860950P-1mg

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Molecular Weight	1004.12
Chemical Formula	C ₅₅ H ₆₉ F ₃ N ₃ O ₉ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6604PGA010
Avanti Lot Number	860950P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellowish to orange solid 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: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-TFA] ⁺ = 890.12 ± 1 amu	[M-TFA] ⁺ = 890.5 amu

Approved By:



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