

pacFA Ceramide

N-(9-(3-pent-4-ynyl-3-H-diazirin-3-yl)-nonanoyl)-D-erythro-sphingosine

900404P-1mg

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Molecular Weight	545.84
Chemical Formula	C ₃₃ H ₅₉ N ₃ O ₃
Physical State	Powder
Storage	-80 °C
Expiration Date	One year from date of receipt
M Lot Number	6379PGA010
Avanti Lot Number	900404P-1MG-A-010

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 546.840 ± 1 amu	[M+H] ⁺ = 547.0 amu

Approved by:

