

pacFA GalCer

D-galactosyl-β-1,1' N-(9-(3-pent-4-ynyl-3-H-diazirin-3-yl)-nonanoyl)-D-erythro-sphingosine

900406P-5mg

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Molecular Weight	707.980
Chemical Formula	C ₃₉ H ₆₉ N ₃ O ₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6381PHA010
Avanti Lot Number	900406P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 708.980 ± 1 amu	[M+H] ⁺ = 709.2 amu

Approved by:

