

C13-dihydroceramide-d7(d18:0-d7/13:0)

N-tridecanoyl-D-erythro-sphinganine-d7

330726P-1mg

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Molecular Weight	504.88
Chemical Formula	C ₃₁ H ₅₆ D ₇ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6610PGC010
Avanti Lot Number	330726P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White powder which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: negative to faint positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 505.88 ± 1 amu	[M+H] ⁺ = 505.6 amu

Approved By:

Melissa Liles

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