

3-O-sulfo-D-galactosyl(β) D-erythro-sphingosine-d7 (d18:1)

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860735E-100ug

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Molecular Weight	565.77
Chemical Formula	C ₂₄ H ₄₃ D ₇ N ₂ O ₁₀ S
Physical State	Ethanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7006EDA010
Avanti Lot Number	860735E-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Ethanol: Clear solution which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: positive 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-NH ₄] ⁺ = 547.77 ± 1 amu	[M-NH ₄] ⁺ = 547.6 amu

Approved By: *Andriana Thomas*

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