

C18:0 GM1-d5 (synthetic)

C18:0 GM1 Ganglioside-d5 (synthetic, ammonium salt)

860076W-100ug

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Molecular Weight	1568.88
Chemical Formula	C ₇₃ H ₁₂₉ D ₅ N ₄ O ₃₁
Physical State	Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6458WDA010
Avanti Lot Number	860076W-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Methanol: Clear solution which contains no foreign matter.	Pass
TLC (5:4:1 Chloroform:Methanol:Water)	>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
Mass Spectroscopy	[M-Na] ⁻ = 1545.890 ± 1 amu [M-Na+ CH ₃ COO] ⁻² = 802.47 ± 1 amu	Pass

Approved by:

