

C18:0 GM3 (synthetic)

C18:0 GM3 Ganglioside (synthetic, ammonium salt)

860074W-100µg
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Molecular Weight	1198.52
Chemical Formula	C ₅₉ H ₁₁₁ N ₃ O ₂₁
Physical State	Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5874WDB010
Avanti Lot Number	860074W-100UG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Methanol: Clear solution with no foreign matter.	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>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-NH ₄] ⁺ = 1180.3 ± 1 amu Precursor Ion Scan (-) 290.1 Precursor Ion Scan (-) 581.3	[M-NH ₄] ⁺ = 1179.7 amu

Approved by:



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