

C18:0 GM1-Biotin (synthetic)

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

860097P-100UG
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Molecular Weight	1950.34
Chemical Formula	C ₈₉ H ₁₆₀ N ₈ O ₃₆ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7013PDA010
Avanti Lot Number	860097P-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (10:10:3 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 +CH ₃ COO-] ²⁻ = 996.5 ± 1 amu	[M-NH ₄ +CH ₃ COO-] ²⁻ = 995.5 amu

 Approved By: *Meredith Baybutt*

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