

Ganglioside GT1b

Trisialoganglioside-GT1b (porcine brain, triammonium salt)

860059P-1mg

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Molecular Weight	2180.42 (based on representative structure, may not reflect exact MW of compound)
Empirical Formula	C ₉₅ H ₁₇₄ N ₈ O ₄₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6459PGH010
Avanti Lot Number	860059P-1MG-H-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter	Pass
TLC (5:4:1 Chloroform:Methanol:15mM MgCl ₂)	>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-3NH ₄ +H] ²⁻ = 1063.7 ± 1 amu (predominant species)	[M-3NH ₄ +H] ²⁻ = 1063.06 amu

Approved by:



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