

Ganglioside GD1a

Disialoganglioside-GD1a (porcine brain, diammonium salt)

860055P-1mg

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Molecular Weight	1872.14 (based on representative structure; may not reflect exact MW of compound)
Chemical Formula	C ₈₄ H ₁₅₄ N ₆ O ₃₉
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6460PGF010
Avanti Lot Number	860055P-1MG-F-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-2NH ₄] ²⁻ = 918.07 ± 1 amu (predominant species)	[M-2NH ₄] ²⁻ = 917.51 amu

Approved By: *Andriana Thomas*

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