

Ganglioside GM1 (Ovine Brain)

GM1 Ganglioside (Brain, Ovine-Sodium Salt)

860065P-5mg

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Molecular Weight	1568.805 (based on representative structure; may not reflect exact MW of compound)
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5872PHK021
Avanti Lot Number	860065P-5MG-K-021

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (5:4:1 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	$[M-Na]^+ = 1545.805 \pm 1$ amu $[M-Na+CH_3COO]^{-2} = 802.40 \pm 1$ amu (predominant species)	$[M-Na]^+ = 1545.9$ amu $[M-Na+CH_3COO]^{-2} = 802.5$ amu (predominant species)

Approved By:



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