

## Ganglioside GM1 (Ovine Brain)

GM1 Ganglioside (Brain, Ovine-Sodium Salt)

860065P-1mg

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<b>Molecular Weight</b>	1568.805 (based on representative structure; may not reflect exact MW of compound)
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5872PGJ021
<b>Avanti Lot Number</b>	860065P-1MG-J-021

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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] <sup>+</sup> = 1545.805 ± 1 amu [M-Na+CH <sub>3</sub> COO] <sup>2-</sup> = 802.40 ± 1 amu (predominant species)	[M-Na] <sup>+</sup> = 1545.9 amu [M-Na+CH <sub>3</sub> COO] <sup>2-</sup> = 802.5 amu

Approved By:



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