

**Lyso iGB3 (synthetic)**  
**Isoglobotriaosylsphingosine**  
**860720P-500ug**

Page 1 of 1

**Molecular Weight** 785.91  
**Chemical Formula** C<sub>36</sub>H<sub>67</sub>NO<sub>17</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6650PFA010  
**Avanti Lot Number** 860720P-500UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform:Methanol:Water)	>99% Purity Ninhydrin spray: positive 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+H] <sup>+</sup> = 786.91 ± 1 amu	[M+H] <sup>+</sup> = 787.0 amu

Approved By:



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