

**Lyso GB3-d7**

**Globotriaosylsphingosine-d7**

**860682P-100ug**

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<b>Molecular Weight</b>	792.96
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>60</sub> D <sub>7</sub> NO <sub>17</sub>
<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>	6631PDA010
<b>Avanti Lot Number</b>	860682P-100UG-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> = 793.96 ± 1 amu	[M+H] <sup>+</sup> = 794.2 amu

Approved By:

*Melissa Liles*

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