

**C18 Glucosyl(β) Ceramide-d5**

D-glucosyl-β-1,1'-N-stearoyl-D-erythro-sphingosine-d5

**860638P-1mg**

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<b>Molecular Weight</b>	733.125
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>76</sub> D <sub>5</sub> NO <sub>8</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>	6064PGD012
<b>Avanti Lot Number</b>	860638P-1MG-D-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (85:15 Chloroform: Methanol)	>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+H] <sup>+</sup> = 734.125 ± 1 amu	[M+H] <sup>+</sup> = 733.7 amu

Approved By:



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