

**C18 Glucosyl( $\beta$ ) Ceramide-d5**D-glucosyl- $\beta$ -1,1'-N-stearoyl-D-erythro-sphingosine-d5

860638P-1mg

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**Molecular Weight** 733.125  
**Chemical Formula** C<sub>42</sub>H<sub>76</sub>D<sub>5</sub>NO<sub>8</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6064PGG012  
**Avanti Lot Number** 860638P-1MG-G-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 $\pm$ 1 amu	[M+H] <sup>+</sup> = 733.7 amu



Approved By:

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