

**Glucosyl(β) Sphingosine-d5**

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

**860636P-1mg**

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<b>Molecular Weight</b>	466.663
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>42</sub> D <sub>5</sub> NO <sub>7</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>	6062PGB011
<b>Avanti Lot Number</b>	860636P-1MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (65:30:6 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: 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> = 467.663 ± 1 amu	Pass

Approved by:

