

**Galactosyl(β) Sphingosine-d5**

D-galactosyl-β1-1'-D-erythro-sphingosine-d5

**860637P-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>	6063PGB010
<b>Avanti Lot Number</b>	860637P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	>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	[M+H] <sup>+</sup> = 467.6 amu

Approved By:



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