

**C13 Galactosyl( $\beta$ ) Ceramide-D7 (d18:1-D7/13:0)**D-galactosyl- $\beta$ -1,1'-N-tridecanoyl-D-erythro-sphingosine-D7

330728P-1mg

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**Molecular Weight** 665.02  
**Chemical Formula** C<sub>37</sub>H<sub>64</sub>D<sub>7</sub>NO<sub>8</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6608PGC010  
**Avanti Lot Number** 330728P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White powder 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> = 666.02 $\pm$ 1 amu	[M+H] <sup>+</sup> = 665.7 amu

Approved By: *Andriana Thomas*

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