

**C18 Ceramide-d7 (d18:1-d7/18:0)**

N-stearoyl-D-erythro-sphingosine (d7)

860677P-1mg

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<b>Molecular Weight</b>	572.997
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>64</sub> D <sub>7</sub> NO <sub>3</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>	6094PGA011
<b>Avanti Lot Number</b>	860677P-1MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (9:1 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> = 573.997 ± 1 amu	[M+H] <sup>+</sup> = 573.7 amu

Approved by:

