

**C15 Ceramide-d7 (d18:1-d7/15:0)**  
**N-pentadecanoyl-D-erythro-sphingosine(d7)**  
**860681P-1mg**

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**Molecular Weight** 530.917  
**Chemical Formula** C<sub>33</sub>H<sub>58</sub>D<sub>7</sub>NO<sub>3</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6097PGD010  
**Avanti Lot Number** 860681P-1MG-D-010

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> = 531.917 ± 1 amu	[M+H] <sup>+</sup> = 531.9 amu

Approved By:



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