

**1-desoxymethylsphinganine-d5**  
 1-desoxymethylsphinganine-d5 (m17:0)  
 860476P-1mg

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**Molecular Weight** 276.513  
**Chemical Formula** C<sub>17</sub>H<sub>32</sub>D<sub>5</sub>NO  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5942PGA010  
**Avanti Lot Number** 860476P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Ammonium hydroxide)	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 277.513 ± 1amu	[M+H] <sup>+</sup> = 277.4 amu

Approved by:

