

**C24 Ceramide-d7 (d18:1-d7/24:0)**
**N-lignoceroyl-D-erythro-sphingosine (d7)**
**860678P-5mg**

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<b>Molecular Weight</b>	657.156
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>72</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>	6095PHA011
<b>Avanti Lot Number</b>	860678P-5MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (95:5 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> = 658.156 ± 1 amu	[M+H] <sup>+</sup> = 658.3 amu

Approved by:

