

**Lyso SM (d17:1)**
**Sphingosylphosphorylcholine (C17 base)**
**860656P-5mg**

Page 1 of 1

<b>Molecular Weight</b>	450.593
<b>Chemical Formula</b>	C <sub>22</sub> H <sub>47</sub> N <sub>2</sub> O <sub>5</sub> P
<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>	6078PHA011
<b>Avanti Lot Number</b>	860656P-5MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (3:3:1 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: positive 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> = 451.593 ± 1 amu	[M+H] <sup>+</sup> = 451.6 amu

Approved by:

