

**16:0-LR/18:1/18:1 TG - lissamine rhodamine**

1,2-dioleoyl-3-[16-N-(lissamine rhodamine B sulfonyl) amino]palmitoyl-sn-glycerol

**810103C-1mg**

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<b>Molecular Weight</b>	1415.06
<b>Chemical Formula</b>	C <sub>82</sub> H <sub>13</sub> N <sub>3</sub> O <sub>12</sub> S <sub>2</sub>
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5307CGB010
<b>Avanti Lot Number</b>	810103C-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Light pink to pink solution with no foreign matter	Pass
TLC (9:1 Chloroform : Methanol)	>99% Purity UV: one major spot 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> = 1416.06 ± 1 amu [M+NH <sub>4</sub> ] <sup>+</sup> = 1433.06 ± 1 amu	[M+H] <sup>+</sup> = 1415.6 amu [M+NH <sub>4</sub> ] <sup>+</sup> = 1433.6 amu

Approved By:



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