

14:0-12:0 NBD PE

1-myristoyl-2-{12-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]dodecanoyl}-sn-glycero-3-phosphoethanolamine

810152P-1mg

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Molecular Weight	785.905
Chemical Formula	C ₃₇ H ₆₄ N ₅ O ₁₁ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5342CGA015
Avanti Lot Number	810152C-1MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: Yellow to orange solid with no foreign matter.	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
NBD Concentration	Run and Report	5.2 mg/ml
Excitation/Emission by UV/VIS	λ_{Ex} max = ~460nm λ_{Em} max = ~533nm	Ex: 466nm Em: 535nm
Mass Spectroscopy	[M+H] ⁺ = 786.9 ± 1 amu	[M+H] ⁺ = 786.9 amu

Melissa Bolin

Approved By:

For Research Use Only. Not For Human Use.

Cerebrosides (Brain)**Total Cerebrosides (Brain, Porcine)****131303P-25mg****Page 1 of 1**

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