

## 12:0 Lyso NBD PC

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

810128P-1mg

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**Molecular Weight** 617.629  
**Chemical Formula** C<sub>26</sub>H<sub>44</sub>N<sub>5</sub>O<sub>10</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5322PGB022  
**Avanti Lot Number** 810128P-1MG-B-022

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> Yellow to orange solid which contains no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative to slight positive Water dip: one major spot	All Pass
Excitation/Emission by UV/VIS	464nm/531nm	Pass
Calcium (ICP/MS)	NMT 500ppm	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 618.629 ± 1 amu	[M+H] <sup>+</sup> = 618.8

Approved By:



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