

12:0 Lyso NBD PC

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

810128P-5mg

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Molecular Weight 617.629
Chemical Formula C₂₆H₄₄N₅O₁₀P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5322PHE023
Avanti Lot Number 810128P-5MG-E-023

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: 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	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 618.629 ± 1 amu	[M+H] ⁺ = 618.3 amu

Approved By: *Meredith Bayroot*

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