

18:1-d7 Lyso PE

1-oleoyl(d7)-2-hydroxy-sn-glycero-3-phosphoethanolamine

791644C-1mg

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Molecular Weight	486.631
Chemical Formula	C ₂₃ H ₃₉ D ₇ NO ₇ P
Physical State	Chloroform
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5273CGA010
Avanti Lot Number	791644C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 487.6 ± 1 amu	[M+H] ⁺ = 487.3 amu
Calcium (ICP/MS)	NMT 500ppm	31.0 ppm

Approved by:

