

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	5273CGB011
Avanti Lot Number	791644C-1MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 487.6 ± 1 amu	[M+H] ⁺ = 487.5 amu
Calcium (ICP/MS)	NMT 500 ppm	76.99 ppm

 Approved By: *Anderson Thomas*

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