

18:1-d7 Lyso PE

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

791644C-1mg

Page 1 of 1

Molecular Weight 486.631
Chemical Formula C₂₃H₃₉D₇NO₇P
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5273CGA011
Avanti Lot Number 791644C-1MG-A-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*

For Research Use Only. Not For Human Use.