

1,2-Dimyristoyl-D54-3-sn-Glycerophosphatidylcholine

Catalog Number: LP-2724

CAS Number: 78415-49-3

Price: [Online Inquiry](#)

Catalog Number	Price
LP-2724	Online Inquiry

Product Information	
Molecular Formula	C36H18D54NO8P
Molecular Weight	732.27
Purity	>98%
SMILES	<chem>O=C(OCC(OC(=O)CCCCCCCCCCCCC)COP(=O)([O-])OCC[N+](C)(C)C)CCCCCCCCCCCCC</chem>
InChi	InChI=1S/C36H72NO8P/c1-6-8-10-12-14-16-18-20-22-24-26-28-35(38)42-32-34(33-44-46(40,41)43-31-30-37(3,4)5)45-36(39)29-27-25-23-21-19-17-15-13-11-9-7-2/h34H,6-33H2,1-5H3/t34-/m1/s1/i1D3,2D3,6D2,7D2,8D2,9D2,10D2,11D2,12D2,13D2,14D2,15D2,16D2,17D2,18D2,19D2,20D2,21D2,22D2,23D2,24D2,25D2,26D2,27D2,28D2,29D2
InChi Key	InChIKey=CITHEXJVPOWHKC-RPLUSTTMSA-N
Alternate Name	3,5,9-Trioxa-4-phosphatricosan-11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23 [...],23-d27-1-aminium, 4-hydroxy-N,N,N-trimethyl-10-oxo-7-[(1-oxotetradecyl-2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-d27)oxy]-, inner salt, 4-oxide, (R)-, 1,2-Bis(perdeuteromyristoyl)-sn-glycero-3-phosphocholine, 1,2-Dimyristoyl-d54-sn-glycero-3-phosphocholine
Appearance	Solid
IUPAC Name	3,5,9-Trioxa-4-phosphatricosan-11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23,23-d27-1-aminium, 4-hydroxy-N,N,N-trimethyl-10-oxo-7-[(1-oxotetradecyl-2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-d27)oxy]-, inner salt, 4-oxide, (7R)-

Properties	
Storage Conditions	Freezer