

C18 Sphingomyelin (d18:1/18:0)

Catalog Number: LP-2318

CAS Number: 54336-69-5

Price: [Online Inquiry](#)

Catalog Number	Price
LP-2318	Online Inquiry

Product Information	
Molecular Formula	C41H83N2O6P
Molecular Weight	731.08
Purity	>98%
SMILES	<chem>O=C(NC(COP(=O)([O-])OCC[N+](C)(C)C)C(O)C=CCCCCCCCCCCCC)CCCCCCCCCCCCCCCCC</chem>
InChi	InChI=1S/C41H83N2O6P/c1-6-8-10-12-14-16-18-20-21-23-25-27-29-31-33-35-41(45)42-39(38-49-50(46,47)48-37-36-43(3,4)5)40(44)34-32-30-28-26-24-22-19-17-15-13-11-9-7-2/h32,34,39-40,44H,6-31,33,35-38H2,1-5H3,(H-,42,45,46,47)
InChi Key	InChIKey=LKQLRGMMMAHREN-UHFFFAOYSA-N
Alternate Name	3,5-Dioxa-8-aza-4-phosphahexacosan-1-aminium, 4-hydroxy-7-(1-hydroxy-2-hexadecenyl)-N,N,N-trimethyl-9-oxo-, inner salt [...], 4-oxide, Choline phosphate, 3-hydroxy-2-stearamido-4-octadecenyl ester
Appearance	Solid
IUPAC Name	3,5-Dioxa-8-aza-4-phosphahexacosan-1-aminium, 4-hydroxy-7-(1-hydroxy-2-hexadecen-1-yl)-N,N,N-trimethyl-9-oxo-, inner salt, 4-oxide

Properties	
Storage Conditions	Freezer