Cardiolipin C14:0 NH4+ salt

Catalog Number: LP-2103

CAS Number: 63988-20-5

Price: Online Inquiry

Catalog Number	Price
LP-2103	Online Inquiry

Product Information	
Molecular Formula	C65H126O17P2.2H3N
Molecular Weight	1275.7
Purity	>95%
SMILES	O=C(OCC(OC(=O)CCCCCCCCCCCCC)COP(=O)(O)OCC(O)COP(=O)(O)OCC(OC(=O)CCCCCCCCCCCCC)COC(=O)CCCCCCCCCCCCC)CCCCCCCCCCCCC.N
InChi	InChI=1S/C65H126O17P2.2H3N/c1-5-9-13-17-21-25-29-33-37-41-45-49-62(67)75-55-60(81-64(69)51-47-43-39-35-31-27-23-19-15-11-7-3)57-79-83(71,72)77-53-59(66)54-78-84(73,74)80-58-61(82-65(70)52-48-44-40-36-32-28-24-20-16-12-8-4)56-76-63(68)50-46-42-38-34-30-26-22-18-14-10-6-2;;/h59-61,66H,5-58H2,1-4H3,(H,71,72)(H,73,74);2*1H3/t60-,61-;;/m1../s1
InChi Key	InChIKey=WUHLCMIVLGWFSP-MWZRJEOUSA-N
Alternate Name	Tetradecanoic acid, 5,8,11-trihydroxy-4,6,10,12-tetraoxa-5,11-diphosphapentadecane-1,2,14,15-tetrayl ester, P[...],P′-dioxide, diammonium salt, [R-(R*,R*)]-, Tetradecanoic acid, (2R,14R)-5,8,11-trihydroxy-5,11-dioxido-4,6,10,12-tetraoxa-5,11-diphosphapentadecane-1,2,14,15-tetrayl ester, diammonium salt, Tetramyristoylcardiolipin
Appearance	Solid
IUPAC Name	Tetradecanoic acid, 1,1′,1″,1‴-[(2R,14R)-5,8,11-trihydroxy-5,11-dioxido-4,6,10,12-tetraoxa-5,11-diphosphapentadecane-1,2,14,15-tetrayl] ester, ammonium salt (1:2)

Properties	
Storage Conditions	Freezer

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