

N-Dodecanoyl-NBD-ceramide trihexoside

Catalog Number: LP-2221

CAS Number: 2692623-26-8

Price: [Online Inquiry](#)

Catalog Number	Price
LP-2221	Online Inquiry

Product Information	
Molecular Formula	C54H91N5O21
Molecular Weight	1146.32
Purity	>99%
SMILES	<chem>O=C(NC(COC1OC(CO)C(OC2OC(CO)C(OC3OC(CO)C(O)C(O)C3O)C(O)C2O)C(O)C1O)C(O)C=CCCCCCCCCCCCC)CCCCCCCCCCCCCNC4=CC=C(C5=NON=C54)N(=O)=O</chem>
InChi	InChI=1S/C54H91N5O21/c1-2-3-4-5-6-7-8-9-10-12-15-18-21-24-36(63)34(56-40(64)25-22-19-16-13-11-14-17-20-23-28-55-33-26-27-35(59(72)73)42-41(33)57-80-58-42)32-74-52-48(70)45(67)50(38(30-61)76-52)79-54-49(71)46(68)51(39(31-62)77-54)78-53-47(69)44(66)43(65)37(29-60)75-53/h21,24,26-27,34,36-39,43-55,60-63,65-71H,2-20,22-23,25,28-32H2,1H3,(H,56,64)/b24-21+/t34-,36+,37+,38+,39+,43-,44-,45+,46+,47+,48+,49+,50+,51-,52+,53+,54-/m0/s1
InChi Key	InChIKey=ZSXIFORFOSGBPE-NQOROTDSA-N
Alternate Name	N-[(1S,2R [...],3E)-1-[(O-α-D-Galactopyranosyl-(1→4)-O-β-D-galactopyranosyl-(1→4)-β-D-glucopyranosyl)oxy]methyl]-2-hydroxy-3-heptadecen-1-yl]-12-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]dodecanamide
Appearance	Solid
IUPAC Name	Dodecanamide, N-[(1S,2R,3E)-1-[(O-α-D-galactopyranosyl-(1→4)-O-β-D-galactopyranosyl-(1→4)-β-D-glucopyranosyl)oxy]methyl]-2-hydroxy-3-heptadecen-1-yl]-12-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-

Properties	
Storage Conditions	Freezer