

Product Information

2-O-hexadecanoyl-3-O-(2,4S,6S-trimethyl-2E-docosenoyl)-6-O-(2,4S,6S-trimethyl-2E-hexacosenoyl)-2'-O-(2,4S,6S-trimethyl-2E-docosenoyl)-4'-O-(2,4S,6S

Cat. No.: X26-02-ZQ4822

Size: 1 mg; 10 mg; 25 mg; 100 mg

Compound CID: 52929937

Synonym:

PAT16(22:1(2E)(2Me,4Me[S],6Me[S])/26:1(2E)(2Me,4Me[S],6Me[S])/22:1(2E)(2Me,4Me[S],6Me[S])/26:1(2E)(2Me,4Me[S],6Me[S]))

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	This elongated variant is used to investigate the structural reach of the 6 and 4' positions within the mycomembrane. It assists in the study of how large lipids modulate the activity of bacterial membrane proteins.
Molecular Weight	2143.4
Molecular Formula	C ₁₃₆ H ₂₅₂ O ₁₆
IUPAC Name	[(3R,5R,6R)-5-hexadecanoyloxy-3-hydroxy-6-[(2R,3S,5S)-4-hydroxy-6-(hydroxymethyl)-3-[(E,4S,6S)-2,4,6-trimethyl-docos-2-enoyl]oxy-5-[(E,4S,6S)-2,4,6-trimethylhexacos-2-enoyl]oxyoxan-2-yl]oxy-4-[(E,4S,6S)-2,4,6-trimethyl-docos-2-enoyl]oxyoxan-2-yl]methyl (E,4S,6S)-2,4,6-trimethylhexacos-2-enoate
InChI	InChI=1S/C136H252O16/c1-18-23-28-33-38-43-48-53-57-59-61-63-68-72-77-80-85-90-95-110(6)100-114(10)104-118(14)131(141)145-109-123-125(139)128(150-133(143)120(16)106-116(12)102-112(8)97-92-87-81-75-70-66-55-50-45-40-35-30-25-20-3)130(148-124(138)99-94-89-84-79-74-65-52-47-42-37-32-27-22-5)136(147-123)152-135-129(151-134(144)121(17)107-117(13)103-113(9)98-93-88-82-76-71-67-56-51-46-41-36-31-26-21-4)126(140)127(122(108-137)146-135)149-132(142)119(15)105-115(11)101-111(7)96-91-86-83-78-73-69-64-62-60-58-54-49-44-39-34-29-24-19-2/h104-107,110-117,122-123,125-130,135-137,139-140H,18-103,108-109H2,1-17H3/b118-104+,119-105+,120-106+,121-107+/t110-,111-,112-,113-,114-,115-,116-,117-,122?,123?,125+,126?,127+,128?,129-,130+,135+,136+/m0/s1
InChI Key	AKLWMMFGRSJYEG-CIKMYJGGSA-N
Canonical SMILES	CCCCCCCCCCCCCCCCCCCC[C@H](C)C[C@H](C)/C=C(C)/C(=O)OCC1[C@H](C)[C@H]([C@

