

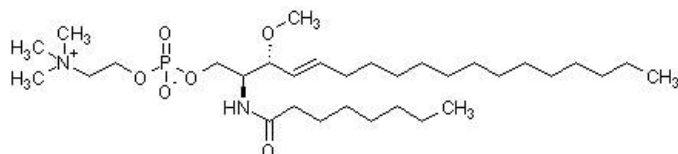
Product datasheet

3-O-Methyl-sphingomyelin, neutral sphingomyelinase inhibitor ab141756

1 Image

Overview

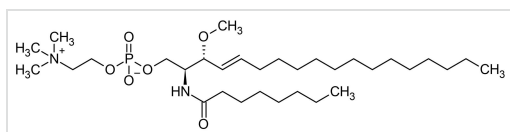
Product name	3-O-Methyl-sphingomyelin, neutral sphingomyelinase inhibitor
Description	Cell Permeable neutral sphingomyelinase inhibitor
Biological description	Cell Permeable neutral sphingomyelinase inhibitor ($K_i = 37 \mu\text{M}$).
Purity	> 98%
Chemical structure	



Properties

Chemical name	[(E,2S,3R)-3-Methoxy-2-(octanoylamino)octadec-4-enyl] 2-(trimethylazaniumyl)ethyl phosphate
Molecular weight	604.80
Molecular formula	$\text{C}_{32}\text{H}_{65}\text{N}_2\text{O}_6\text{P}$
PubChem identifier	58311991
Storage instructions	Store at -20°C . Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 25 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C . Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>C[N+](C)(C)CCOP([O-])(=O)OC[C@H](NC(=O)CCCCCCC)[C@@H](C=C\CCCCCCCCCCCCC)OC</chem>
Source	Synthetic

Images



Chemical Structure - 3-O-Methyl-sphingomyelin,
neutral sphingomyelinase inhibitor (ab141756)

2D chemical structure image of ab141756, 3-O-Methyl-sphingomyelin, neutral sphingomyelinase inhibitor

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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