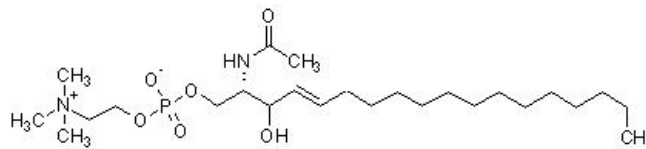


Product datasheet

N-Acetyl-D,L-sphingosylphosphorylcholine, C2:0-Sphingomyelin analog ab144128

Overview

Product name	N-Acetyl-D,L-sphingosylphosphorylcholine, C2:0-Sphingomyelin analog
Description	C2:0-Sphingomyelin analog (D- <i>erythro</i> and L- <i>threo</i> isomer mixture) (ab143935)
Biological description	C2:0-Sphingomyelin analog (D- <i>erythro</i> and L- <i>threo</i> isomer mixture). For use in sphingomyelin studies and in biological systems.
Purity	> 98%
Chemical structure	



Properties

Chemical name	[(E)-2-Acetamido-3-hydroxyoctadec-4-enyl] 2-(trimethylazaniumyl)ethyl phosphate
Molecular weight	506.66
Molecular formula	C ₂₅ H ₅₁ N ₂ O ₆ P
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
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(C)=O)C(O)C=C\CCCCCCCCCCCC</chem>
Source	Synthetic

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