

Product datasheet

N-Hexadecanoylsulfatide, C16:0 CNS sulfolipid analog
ab144106

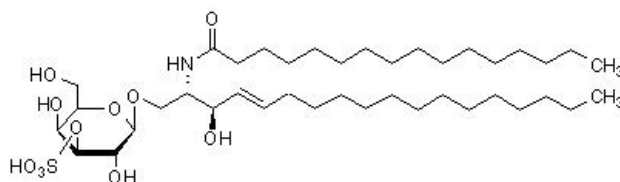
Overview

Product name	N-Hexadecanoylsulfatide, C16:0 CNS sulfolipid analog
Description	C16:0 CNS sulfolipid analog
Biological description	C16:0 CNS sulfolipid analog. For use in lipid bilayer and sulfatide related-studies and as internal standard. Possibly active <i>in vitro</i> .

[See similar compounds](#)

Purity > 98%

Chemical structure



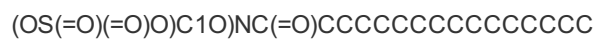
Properties

Chemical name	[(2R,5S)-3,5-Dihydroxy-2-[(E,2S,3R)-3-hydroxy-2-(2-hydroxyhexadecanoylamino)octadec-4-enoyl]-6-(hydroxymethyl)oxan-4-yl] hydrogen sulfate
Molecular weight	780.11
Molecular formula	C ₄₀ H ₇₇ NO ₁₁ S
PubChem identifier	24779579
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

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 CCCCCCCCCCCCC\C=C\[C@@H](O)[C@H](CO[C@@H]1OC(CO)[C@H](O)[C@@H]1)O[S-]

**Source**

Synthetic

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

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