

Product datasheet

N-Dodecanoyl-NBD-D-erythro-sphingosine, Fluorescent C12:0-sphingosine ceramide analog ab143985

1 Image

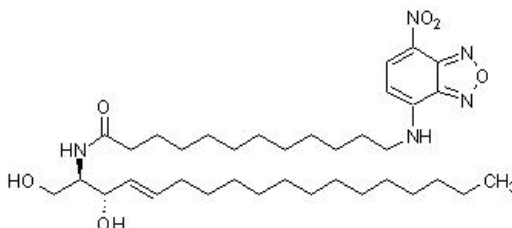
Overview

Product name	N-Dodecanoyl-NBD-D-erythro-sphingosine, Fluorescent C12:0-sphingosine ceramide analog
Description	Fluorescent C12:0-sphingosine ceramide analog
Biological description	Fluorescent C12:0-sphingosine ceramide analog. For use in sphingolipid ceramide studies and as internal standard.

[See similar compound](#)

Purity > 98%

Chemical structure



Properties

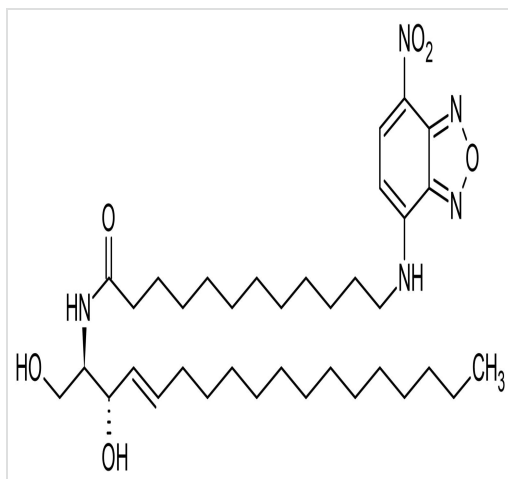
Chemical name	<i>N</i> -[(<i>E</i> ,2 <i>S</i> ,3 <i>R</i>)-1,3-Dihydroxyoctadec-4-en-2-yl]-12-[(4-nitro-2,1,3-benzoxadiazol-7-yl)amino]dodecanamide
Molecular weight	659.91
Molecular formula	C ₃₆ H ₆₁ N ₅ O ₆
PubChem identifier	24780116
Storage instructions	Store at -20°C. Store under desiccating conditions. 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

CCCCCCCCCCCC/C=C/[C@H]([C@H]
(CO)NC(=O)CCCCCCCCCCCNC1=CC=C(C2=NON=C12)[N+](=O)[O-])O

Source

Synthetic

Images

Chemical Structure - N-Dodecanoyl-NBD-D-erythro-sphingosine, Fluorescent C12:0-sphingosine ceramide analog (ab143985)

2D chemical structure image of ab143985, N-Dodecanoyl-NBD-D-erythro-sphingosine, Fluorescent C12:0-sphingosine ceramide analog

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