

Product datasheet

N-Hexadecanoyl-D-erythro-C16-sphingosine, C16:0-Sphingosine ceramide analog ab144165

1 References

Overview

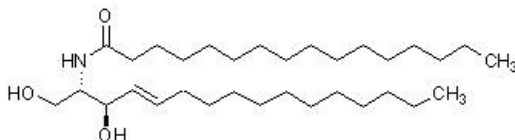
Product name	N-Hexadecanoyl-D-erythro-C16-sphingosine, C16:0-Sphingosine ceramide analog
Description	C16:0-Sphingosine ceramide analog
Biological description	C16:0-Sphingosine ceramide analog. Possible antitumorigenic potential. For use in sphingolipid ceramide studies and as internal standard.

See similar compound

Purity > 98%

CAS Number 123065-37-2

Chemical structure



Properties

Chemical name	N-[(E,2S,3R)-1,3-dihydroxyhexadec-4-en-2-yl]hexadecanamide
Molecular weight	509.80
Molecular formula	C ₃₂ H ₆₃ NO ₃
PubChem identifier	11799850
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 CCCCCCCCCCCCCCCC(=O)NC(CO)C(C=CCCCCCCCCCCCC)O

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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