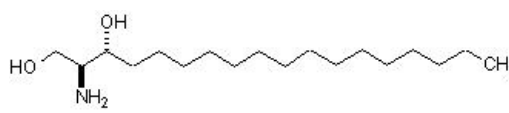


Product datasheet

D,L-erythro-Dihydrosphingosine, sphingosine kinase inhibitor, PKC inhibitor ab143936

1 Image

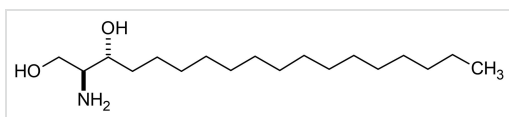
Overview

<b>Product name</b>	D,L-erythro-Dihydrosphingosine, sphingosine kinase inhibitor, PKC inhibitor
<b>Description</b>	PKC inhibitor
<b>Biological description</b>	PKC inhibitor (IC <sub>50</sub> = 2-4 μM). Involved in ceramide biosynthesis and mitogenesis. Active <i>in vitro</i> .
<b>Purity</b>	> 98%
<b>CAS Number</b>	3102-56-5
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	2-Aminooctadecane-1,3-diol
<b>Molecular weight</b>	301.51
<b>Molecular formula</b>	C <sub>18</sub> H <sub>39</sub> NO <sub>2</sub>
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO
<b>Handling</b>	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	NC(CO)C(O)CCCCCCCCCCCCCCC
<b>Source</b>	Synthetic

Images



2D chemical structure image of ab143936, D,L-erythro-Dihydrosphingosine, sphingosine kinase inhibitor, PKC inhibitor

Chemical Structure - D,L-erythro-Dihydrosphingosine, sphingosine kinase inhibitor, PKC inhibitor (ab143936)

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

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