

Product datasheet

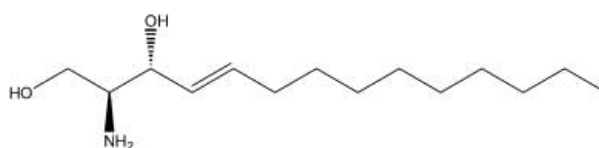
D-erythro-C14-Sphingosine, Structural unit of sphingolipids ab144084

Overview

Product name	D-erythro-C14-Sphingosine, Structural unit of sphingolipids
Description	Structural unit of sphingolipids
Biological description	Structural unit of sphingolipids. Possible use as adjuvant in fungicides and as antibacterial agent. Use in sphingosine-related studies and as internal standard.

See similar compounds

Purity	> 98%
CAS Number	24558-60-9
Chemical structure	



Properties

Chemical name	(<i>E</i> ,2 <i>S</i> ,3 <i>R</i>)-2-Aminotetradec-4-ene-1,3-diol
Molecular weight	243.39
Molecular formula	C ₁₄ H ₂₉ NO ₂
PubChem identifier	42608342
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 and in DMSO
Handling	<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 frequently asked questions (FAQ) page for more details.</p>

SMILES	<chem>CCCCCCCC/C=C/[C@H]([C@H](CO)N)O</chem>
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