

Sphingosine (d15:1)

Chemical Properties

CAS No. :	86555-28-4
Formula:	C ₁₅ H ₃₁ NO ₂
Molecular Weight:	257.4
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sphingosine (d18:1), an amino alcohol, is chiefly recognized for its 18-carbon unsaturated hydrocarbon chain. Nevertheless, in mammalian tissues, both sphingosine and its variant, dihydrosphingosine, feature hydrocarbon chains ranging from 12 to 26 carbons. Sphingosine (d15:1) represents a naturally rare variant, serving as an internal standard for chromatographic or spectrometric analyses of sphingoid compounds.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.885 mL	19.425 mL	38.850 mL
5 mM	0.777 mL	3.885 mL	7.770 mL
10 mM	0.3885 mL	1.9425 mL	3.885 mL
50 mM	0.0777 mL	0.3885 mL	0.777 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481