Creative Enzymes®

Dimethylsphingosine

Cat. No. CEI-0961

Lot. No. (See product label)

Introduction

Description	A naturally occurring endogenous sphingolipid. Inhibits sphingosine kinase (IC50=5 uM). Induces apoptosis in a variety of cell lines.
Synonyms	(2S,3R,E)-2-(dimethylamino)octadeca-4-ene-1,3,diol

Product Information

Appearance	White to off white waxy solid or viscous oil
CAS No.	119567-63-4
Molecular Formula	C20H41NO2
Molecular Weight	327.5
Purity	>98% (TLC); NMR (Conforms)
Targets	Sphingosine kinase
Melting Point	136-140ºC
Solubility	May be dissolved in DMSO (25 mg/ml) or ethanol (25 mg/ml)