

Dimethylsphingosine

Cat. No. CEI-0961

Lot. No. (See product label)

Introduction

Description A naturally occurring endogenous sphingolipid. Inhibits sphingosine kinase (IC₅₀=5 μM). 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 136-140°C

Solubility May be dissolved in DMSO (25 mg/ml) or ethanol (25 mg/ml)