
D-Sphingosine

产品编号: D51369

CAS: 123-78-4

分子式: C₁₈H₃₇NO₂

纯度: ≥98%

InChi: InChI=1S/C₁₈H₃₇NO₂/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-18(21)17(19)16-20/h14-15,17-18,20-21H,2-13,16,19H₂,1H₃/b15-14+/t17-,18+/m0/s1

InChi Key: WWUZIQQURGPMPG-KRWOKUGFSA-N

Smiles: CCCCCCCCCCCC/C=C/[C@@H](O)[C@@H](N)CO

外观: 固体粉末

作用通路: Endogenous Metabolite

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: Sphingosine is formed primarily from the breakdown of ceramide. Sphingosine inhibits protein kinase C and phosphatidic acid phosphohydrolase. D-sphingosine, a lipid possessing the same hydrophobic base as ceramide but without a carbohydrate residue, efficiently blocked this glycolipid antigen presentation both in vitro and in spinal cords of EAE mice, and significantly decreased IL-17 and ameliorated the pathological symptoms.