

Product Datasheet

Spingosine-1-phosphate (orb1819284)

Catalog Number	orb1819284
Category	Small Molecules
Description	Spingosine-1-phosphate (S1P) is a bioactive lipid that functions both as an intracellular second messenger and an extracellular agonist for multiple GPCRs, including S1P1-5 and GPR3/6/12. It is widely used in research to study immunology, cancer, and cardiovascular biology in both cellular and animal models.
Target	LPL Receptor,Endogenous Metabolite,S1P Receptor
Purity	98.66%
MW	379.47
Target Areas	Endogenous Metabolite LPL Receptor S1P Receptor
Solubility (25°C)	H2O: 1 mg/mL (insoluble);NaOH:12.5 mg/mL (32.94 mM)
CAS Number	26993-30-6
Formula	C ₁₈ H ₃₈ NO ₅ P
SMILES	[C@@H]([C@@H](/C=C/CCCCCCCCCCCCC)O)(COP(=O)(O)O)N
Storage	store at low temperature,keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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