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Sphingosine

Catalogue No.: abx076756

Sphingosine is a small molecule. Sphingosine can be phosphorylated in vivo via two kinases which leads to the formation of a potent signaling lipid. It is a selective inhibitor of protein kinase C, but does not inhibit protein kinase A or myosin light chain kinase. It also inhibits calmodulin-dependent enzymes and is the precursor of ceramide.

Target:	Sphingosine
Origin:	Synthetic
Purity:	>98%
Form:	Solid
CAS Number:	123-78-4
Storage:	Store at -20 °C.
Molecular Weight:	299.49
Molecular Formula:	C ₁₈ H ₃₇ NO ₂
SMILES:	<chem>CCCCCCCCCCCC/C=C/[C@H]([C@H](CO)N)O</chem>
Note:	This product is for research use only.