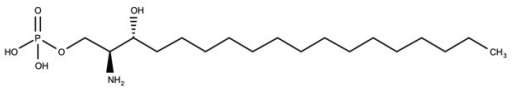
Dihydrosphingosine-1-phosphate, D-erythro

S1P receptor ligand

Saturated analog of sphingosine-1-phosphate. Induces chemotaxis in HUVECs. May be used as a negative control for intracellular effects of S1P. Rapidly dephosphorylated by a sphingosine phosphatase in cultured human fibroblasts. Ligand for S1P (EDG) receptors.

Citations: 3 View Online »

Manuals, SDS & CofA View Online »


O
OH
HO
P
O
OH
NH2
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at -20°C. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid.
CAS	28508-07-8
Couple Target	S1P receptor
Couple Type	Ligand
Formula	$C_{18}H_{40}NO_5P$
MW	381.5
Purity	≥98%
Solubility	Soluble in methanol/THF/water (60/30/10) (0.5mg/ml). Slightly soluble in DMSO, methanol or acetic acid.

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