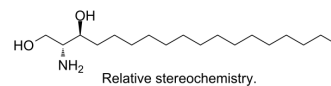


DL-erythro-Dihydrospingosine

Cat. No.:	HY-101195
CAS No.:	3102-56-5
Molecular Formula:	C ₁₈ H ₃₉ NO ₂
Molecular Weight:	301.51
Target:	PKC; Phospholipase
Pathway:	Epigenetics; TGF-beta/Smad; Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description

DL-erythro-Dihydrospingosine is a potent inhibitor of PKC and phospholipase A2 (PLA2)^{[1][2]}.

REFERENCES

- [1]. R Chao, et al. Retinoblastoma protein dephosphorylation induced by D-erythro-sphingosine. *J Biol Chem.* 1992 Nov 25;267(33):23459-62.
- [2]. Hiroyuki Nakamura, et al. Inhibition of arachidonic acid release and cytosolic phospholipase A2 alpha activity by D-erythro-sphingosine. *Eur J Pharmacol.* 2004 Jan 19;484(1):9-17.

Caution: Product has not been fully validated for medical applications. For research use only.

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