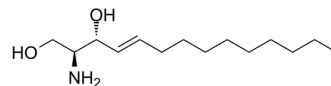


Sphingosine (d14:1)

Cat. No.:	HY-118442
CAS No.:	24558-60-9
Molecular Formula:	C ₁₄ H ₂₉ NO ₂
Molecular Weight:	243.39
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Sphingosine (d14:1) (Tetradecasphing-4-ene), a sphingolipid, is a potent Protein kinase C (PKC) inhibitor. Sphingosine (d14:1) prevents its interaction with sn-1,2-diacylglycerol (DAG)/Phorbol esters ^[1] .
IC ₅₀ & Target	PKC

REFERENCES

[1]. Y A Hannun, et al. Regulation of protein kinase C by sphingosine and lysosphingolipids. Clin Chim Acta. 1989 Dec 15;185(3):333-45.

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

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