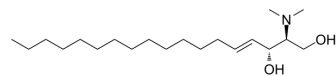


N,N-Dimethylsphingosine

Cat. No.:	HY-108491
CAS No.:	119567-63-4
Molecular Formula:	C ₂₀ H ₄₁ NO ₂
Molecular Weight:	327.55
Target:	SphK
Pathway:	Immunology/Inflammation
Storage:	Solution, -20°C, 2 years



BIOLOGICAL ACTIVITY

Description

N,N-Dimethylsphingosine is a potent inhibitor of SphK (sphingosine kinase) as an endogenous metabolite of sphingosine produced in various tissues and tumor cell lines^[1].

REFERENCES

[1]. Endo K, et al. Cell membrane signaling as target in cancer therapy: inhibitory effect of N,N-dimethyl and N,N,N-trimethyl sphingosine derivatives on in vitro and in vivo growth of human tumor cells in nude mice. Cancer Res.

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

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