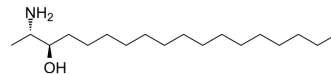


Spisulosine

Cat. No.:	HY-13626
CAS No.:	196497-48-0
Molecular Formula:	C ₁₈ H ₃₉ NO
Molecular Weight:	285.51
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	Spisulosine (ES-285) is an antiproliferative (antitumoral) compound of marine origin. Spisulosine inhibits the growth of the prostate PC-3 and LNCaP cells through intracellular ceramide accumulation and PKCζ activation ^[1] .
IC ₅₀ & Target	PKCζ

REFERENCES

[1]. Ana M Sánchez, et al. Spisulosine (ES-285) induces prostate tumor PC-3 and LNCaP cell death by de novo synthesis of ceramide and PKCzeta activation. Eur J Pharmacol. 2008 Apr 28;584(2-3):237-45.

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

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