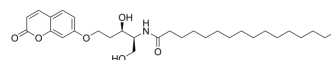


Acid Ceramidase-IN-2

Cat. No.:	HY-153396		
CAS No.:	1005497-03-9		
Molecular Formula:	C ₃₀ H ₄₇ NO ₆		
Molecular Weight:	517.7		
Target:	Ceramidase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Acid Ceramidase-IN-2 (compound 1) is an acid ceramidase inhibitor with potentially antiproliferative and cytostatic activities. Moreover, human acid ceramidase is overexpressed in prostate cancer cells, indicating potential anti-tumor effect of Acid Ceramidase-IN-2. And Acid Ceramidase-IN-2 hydrolysis can be inhibited by 3 a-ketoamides GT85, GT98 and GT99 inhibits in vitro^[1].

REFERENCES

[1]. Bedia C, et al. Synthesis of a novel ceramide analogue and its use in a high-throughput fluorogenic assay for ceramidases. *Chembiochem*. 2007 Apr 16;8(6):642-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA