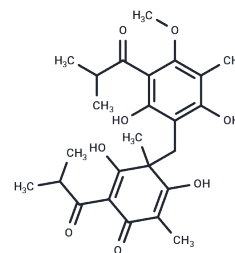


Kosotoxin

Chemical Properties

CAS No. :	1400-16-4
Formula:	C ₂₅ H ₃₂ O ₈
Molecular Weight:	460.523
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Kosotoxin is a toxin from <i>Hagenia abyssinica</i> . It has been found to be cytotoxic against MAC tumour cells in vivo.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1715 mL	10.8573 mL	21.7146 mL
5 mM	0.4343 mL	2.1715 mL	4.3429 mL
10 mM	0.2171 mL	1.0857 mL	2.1715 mL
50 mM	0.0434 mL	0.2171 mL	0.4343 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Woldemariam TZ, Fell AF, Linley PA, Bibby MC, Phillips RM. Evaluation of the anti-tumour action and acute toxicity of kosins from *Hagenia abyssinica*. *J Pharm Biomed Anal.* 1992 Aug;10(8):555-60. PubMed PMID: 1463789.
- Lounasmaa M, Widén CJ, Huhtikangas A. Phloroglucinol derivatives of *Hagenia abyssinica*. II. The structure determination of kosotoxin and protokosin. *Acta Chem Scand B.* 1974;28(10):1200-8. PubMed PMID: 4462358.
- Woldemariam TZ, Fell AF, Linley PA. Chromatographic and spectroscopic studies on the constituents in male and female flowers of *Hagenia abyssinica*. *J Pharm Biomed Anal.* 1990;8(8-12):859-65. PubMed PMID: 2100633.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481