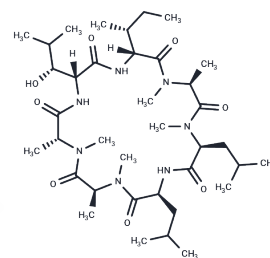


Ternatin

Chemical Properties

CAS No. :	148619-41-4
Formula:	C37H67N7O8
Molecular Weight:	737.984
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ternatin is a cyclic heptapeptide first isolated from the mushroom <i>C. versicolor</i> that has been shown to have cytotoxic and anti-adipogenic effects in vitro. It inhibits adipogenesis with an IC50 value of 27 nM and becomes cytotoxic to 3T3-L1 mouse adipocytes at 10-fold higher concentrations. Ternatin is reported to inhibit HCT116 cell proliferation with an IC50 value of 71 nM. Note that this metabolite should not be confused with the plant flavonoid of the same name.
Targets(IC50)	Others

Solubility Information

Solubility	Methanol: Soluble DMSO: Soluble DMF: Soluble Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3551 mL	6.7753 mL	13.5505 mL
5 mM	0.271 mL	1.3551 mL	2.7101 mL
10 mM	0.1355 mL	0.6775 mL	1.3551 mL
50 mM	0.0271 mL	0.1355 mL	0.271 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.

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