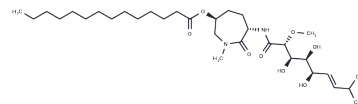


Bengamide B

Chemical Properties

CAS No. :	104947-69-5
Formula:	C32H58N2O8
Molecular Weight:	598.822
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Potent inhibitor of NF-κB activation (IC ₅₀ = 85 nM); decreases IκBα phosphorylation. Attenuates LPS-induced nitric oxide production and expression of TNF-α, IL-6 and MCP. Suppresses proliferation of HeLa and HCT116 cells. Anti-inflammatory and antitumor.
-------------	--

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.670 mL	8.3498 mL	16.6995 mL
5 mM	0.334 mL	1.670 mL	3.3399 mL
10 mM	0.167 mL	0.835 mL	1.670 mL
50 mM	0.0334 mL	0.167 mL	0.334 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.

Reference

Hu et al (2007) Regulation of c-Src nonreceptor tyrosine kinase activity by bengamide A through inhibition of methionine aminopeptidases. Chem.Biol. 14 764 PMID:17656313

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:36 Washington Street,Wellesley Hills,MA 02481