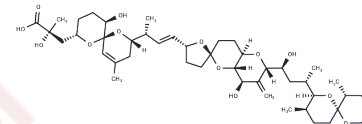


Dinophysistoxin 1

Chemical Properties

CAS No. :	81720-10-7
Formula:	C45H70O13
Molecular Weight:	819.03
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	Dinophysistoxin 1 (DTX 1, 35-methylokadaic acid), a causative agent of diarrhetic shellfish poisoning, exhibits tumor-promoting activity and acts as a skin irritant [1].
Targets(IC50)	Others,Endogenous Metabolite
In vitro	Dinophysistoxin 1 inhibits the binding of [3H] okadaic acid to the particulate fraction of mouse epidermis [1].
In vivo	Dinophysistoxin 1, administered topically at a dose of 5 µg/mouse on the back twice weekly for a duration of 30 weeks, increased the tumor load in mice previously treated with 100 µg of 7,12-dimethylbenz[a]anthracene (DMBA) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.221 mL	6.1048 mL	12.2096 mL
5 mM	0.2442 mL	1.221 mL	2.4419 mL
10 mM	0.1221 mL	0.6105 mL	1.221 mL
50 mM	0.0244 mL	0.1221 mL	0.2442 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