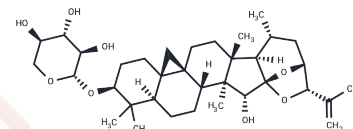


Cimicide E

Chemical Properties

CAS No. :	154822-57-8
Formula:	C ₃₅ H ₅₄ O ₈
Molecular Weight:	602.809
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	Cimicide E has anti-inflammatory activity, it selectively inhibits TNF- α -induced expression of VCAM-1 at least by upregulation of PPAR- γ , and signals for ERK1/2, PI3K, and PKC are involved in this effect. Cimicide E may be an effective chemopreventive agent against cancer, it arrests cell cycle and induces cell apoptosis in gastric cancer cells.
Targets(IC50)	ERK,Akt,Caspase,PI3K,PKC,PPAR,ROS,TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6589 mL	8.2945 mL	16.589 mL
5 mM	0.3318 mL	1.6589 mL	3.3178 mL
10 mM	0.1659 mL	0.8294 mL	1.6589 mL
50 mM	0.0332 mL	0.1659 mL	0.3318 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

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