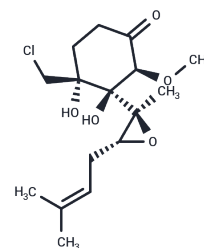


Chlovalicin

Chemical Properties

CAS No. :	179799-38-3
Formula:	C ₁₆ H ₂₅ ClO ₅
Molecular Weight:	332.82
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	Chlovalicin is found in the [Streptomyces] FO-4649 strain. In the presence of 0.2 U/mL IL-6, Chlovalicin inhibits the growth of IL-6-dependent MH60 cells with an IC ₅₀ of 7.5 μM. It also suppresses the proliferation of B16 melanoma cells, exhibiting an IC ₅₀ of 38 μM. Additionally, Chlovalicin shows inhibitory activity against osteoclastogenesis.
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0046 mL	15.0231 mL	30.0463 mL
5 mM	0.6009 mL	3.0046 mL	6.0093 mL
10 mM	0.3005 mL	1.5023 mL	3.0046 mL
50 mM	0.0601 mL	0.3005 mL	0.6009 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