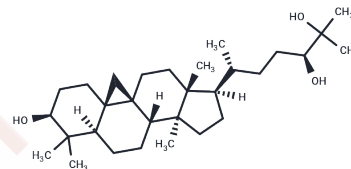


Cycloartane-3,24,25-triol

Chemical Properties

CAS No. :	57576-29-1
Formula:	C ₃₀ H ₅₂ O ₃
Molecular Weight:	460.743
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	Cycloartane-3,24,25-triol has potential for development as an anti-cancer agent against prostate cancer. It reduces the viability of PC-3 and DU145 cell lines with IC ₅₀ values of 2.226 ± 0.28 μM and 1.67 ± 0.18 μM respectively.
Targets(IC ₅₀)	ATPase, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1704 mL	10.8521 mL	21.7042 mL
5 mM	0.4341 mL	2.1704 mL	4.3408 mL
10 mM	0.217 mL	1.0852 mL	2.1704 mL
50 mM	0.0434 mL	0.217 mL	0.4341 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