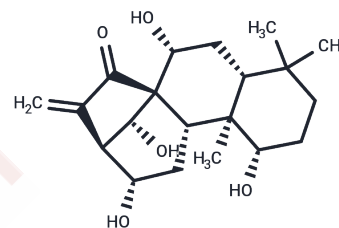


Excisanin A

Chemical Properties

CAS No. :	78536-37-5
Formula:	C ₂₀ H ₃₀ O ₅
Molecular Weight:	350.45
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	ExcisaninA may be a potent inhibitor of AKT signaling pathway in tumor cells, it can inhibit invasion by suppressing MMP-2 and MMP-9 expression, it may be a potential anti-metastatic chemotherapeutic agent for the treatment of breast cancer. Excisanin A shows comparable inhibitory effects on the LPS-induced production of NO and PGE ₂ , and activation of NF-kappaB without affecting cell viability. Excisanin A induces apoptosis in colon cancer cell line SW620 as determined by Annexin V staining, the cleavage of caspase-3 and the proteolytic degradation of poly (ADP-ribose) polymerase (PARP).
Targets(IC50)	MMP,FAK,NF-κB,Akt,Caspase,GSK-3,Integrin,JNK,PARP,PI3K,Prostaglandin Receptor,Src, Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8535 mL	14.2674 mL	28.5347 mL
5 mM	0.5707 mL	2.8535 mL	5.7069 mL
10 mM	0.2853 mL	1.4267 mL	2.8535 mL
50 mM	0.0571 mL	0.2853 mL	0.5707 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

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