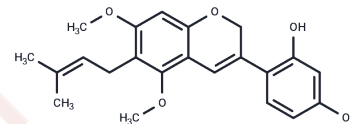


Dehydroglyasperin D

Chemical Properties

CAS No. :	517885-72-2
Formula:	C ₂₂ H ₂₄ O ₅
Molecular Weight:	368.42
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	Dehydroglyasperin D exhibits anticancer, anti-inflammatory, anti-obesity, antioxidant and anti-aldose reductase effects, it inhibits the proliferation of HT-29 human colorectal cancer cells through direct interaction with phosphatidylinositol 3-kinase; it also mediates suppression of both COX-2 expression and the MLK3 signalling pathway through direct binding and inhibition of MLK3. Dehydroglyasperin D shows strong ferric reducing activities and effectively scavenged DPPH, ABTS(+), and singlet oxygen radicals.
Targets(IC50)	Reductase,Akt,COX,DNA/RNA Synthesis,GSK-3,JNK,p38 MAPK,PI3K,Prostaglandin Receptor,ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7143 mL	13.5715 mL	27.1429 mL
5 mM	0.5429 mL	2.7143 mL	5.4286 mL
10 mM	0.2714 mL	1.3571 mL	2.7143 mL
50 mM	0.0543 mL	0.2714 mL	0.5429 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