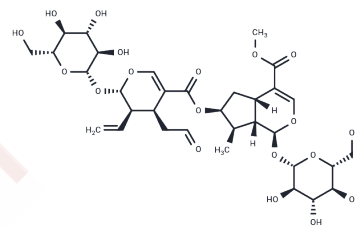


Cantleyoside

Chemical Properties

CAS No. :	32455-46-2
Formula:	C33H46O19
Molecular Weight:	746.71
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Cantleyoside, a natural cyclic enol ether terpene glycoside from <i>Pterocepalus hookeri</i> , has anti-inflammatory and pro-apoptotic effects, inhibiting inflammatory responses and promoting apoptosis in HFLS-RA cells through activation of the AMPK/Sirt1/NF-κB signaling pathway.
Targets(IC50)	NF-κB,AMPK,Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3392 mL	6.696 mL	13.3921 mL
5 mM	0.2678 mL	1.3392 mL	2.6784 mL
10 mM	0.1339 mL	0.6696 mL	1.3392 mL
50 mM	0.0268 mL	0.1339 mL	0.2678 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.

Reference

De Ji, et al. A new iridoid glycoside from the roots of *Dipsacus asper*. *Molecules*. 2012 Feb 3;17(2):1419-24.

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