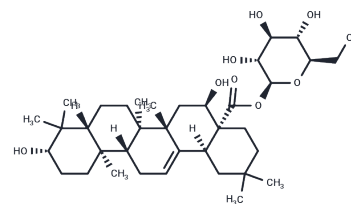


Echinocystic acid 28-O-β-D-glucoside

Chemical Properties

CAS No. :	99633-30-4
Formula:	C ₃₆ H ₅₈ O ₉
Molecular Weight:	634.851
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Echinocystic acid 28-O-β-D-glucoside is a metabolite resulting from the microbial oxidation and glucosidation of Echinocystic acid. It exhibits inhibitory activity towards the tissue factor pathway, with an IC ₅₀ value measured at 10.61 nM.
In vitro	Echinocystic acid 28-O-β-D-glucoside suppresses the procoagulant activities of tissue factor (TF) in lipopolysaccharide-activated human THP-1 cells, exhibiting an inhibitory concentration (IC ₅₀) of 10.61 nM[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5752 mL	7.8759 mL	15.7518 mL
5 mM	0.315 mL	1.5752 mL	3.1504 mL
10 mM	0.1575 mL	0.7876 mL	1.5752 mL
50 mM	0.0315 mL	0.1575 mL	0.315 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.

Reference

Wang WW, et, al. Microbial hydroxylation and glycosylation of pentacyclic triterpenes as inhibitors on tissue factor procoagulant activity. Bioorg Med Chem Lett. 2017 Feb 15;27(4):1026-1030.

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:36 Washington Street,Wellesley Hills,MA 02481