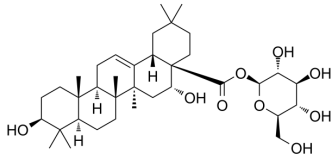
Echinocystic acid 28-O-β-D-glucoside

Cat. No.:	HY-N8102
CAS No.:	99633-30-4
Molecular Formula:	$C_{36}H_{58}O_9$
Molecular Weight:	634.84
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Echinocystic acid 28-O-β-D-glucoside is a metabolite of Echinocystic acid by microbial oxidation and glucosidation. Echinocystic acid 28-O-β-D-glucoside is a tissue factor pathway inhibitor, with an IC_{50} of 10.61 nM[1].
In Vitro	Echinocystic acid 28-O-β-D-glucoside inhibits tissue factor (TF) procoagulant activities in human THP-1 cells stimulated by lipopolysaccharide, with an IC_{50} of 10.61 nM[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA