

Cucurbitacin E-2-O-glucoside

Chemical Properties

CAS No. : 1398-78-3

Formula: C₃₈H₅₄O₁₃

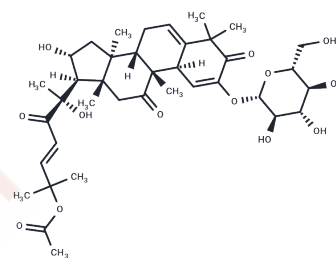
Molecular Weight: 718.83

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Cucurbitacin E-2-O-glucoside (2-β-glucopyranoside) is a triterpene compound derived from the roots of Citrullus colocynthis that inhibits pro-inflammatory cytokines.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3911 mL	6.9557 mL	13.9115 mL
5 mM	0.2782 mL	1.3911 mL	2.7823 mL
10 mM	0.1391 mL	0.6956 mL	1.3911 mL
50 mM	0.0278 mL	0.1391 mL	0.2782 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

Matsuo K, et al. Rapid high-performance liquid chromatography method to quantitate elaterinide in juice and reconstituted residues from a bitter mutant of hawkesbury watermelon. J Agric Food Chem. 1999 Jul;47(7):2755-9.

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