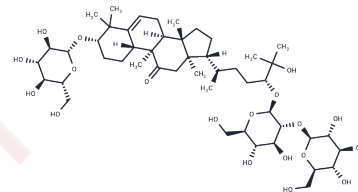


11-Oxomogroside III E

Chemical Properties

CAS No. :	2096516-68-4
Formula:	C ₄₈ H ₈₀ O ₁₉
Molecular Weight:	961.14
Storage:	Keep away from direct sunlight 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	11-Oxomogroside III E is a cucurbitane triterpene glycoside isolated from <i>Siraitia grosvenorii</i> (Lo Han Kuo), a traditional Chinese fruit used as a pulmonary demulcent for conditions including dry cough, sore throat, thirst, and constipation. Triterpenoids from this plant were evaluated for inhibition of Epstein-Barr virus early antigen induction by TPA in Raji cells, a primary screen for antitumor promoters, amongst all tested compounds, 11-Oxomogroside III E exhibited strong suppression with 70-100% inhibition at 1×10^3 mol ratio/TPA.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (83.23 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0404 mL	5.2022 mL	10.4043 mL
5 mM	0.2081 mL	1.0404 mL	2.0809 mL
10 mM	0.104 mL	0.5202 mL	1.0404 mL
50 mM	0.0208 mL	0.104 mL	0.2081 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

Lu F, et al. Simultaneous determination of six cucurbitane triterpene glycosides in *Siraitia grosvenorii* fruits using high performance liquid chromatography. *Se Pu*. 2008 Jul;26(4):504-8.

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