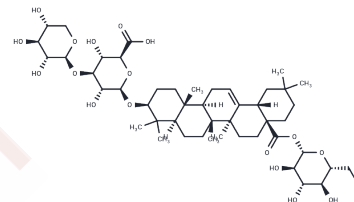


Momordin IIc

Chemical Properties

CAS No. :	96990-19-1
Formula:	C47H74O18
Molecular Weight:	927.09
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	Momordin IIc is a natural triterpene isolated from Kochiae Fructus, demonstrating weak inhibitory activity against alpha-glucosidase (IC50 > 50 µM).
Targets(IC50)	Glucosidase

Solubility Information

Solubility	DMSO: 80.00 mg/mL (86.29 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0786 mL	5.3932 mL	10.7864 mL
5 mM	0.2157 mL	1.0786 mL	2.1573 mL
10 mM	0.1079 mL	0.5393 mL	1.0786 mL
50 mM	0.0216 mL	0.1079 mL	0.2157 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

Andr s Simon, et al. Glycosides from Bougainvillea glabra. Nat Prod Res. 2006 Jan;20(1):63-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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