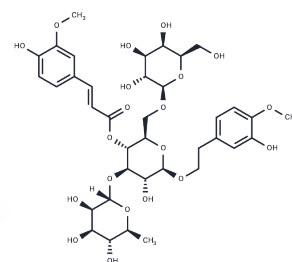


Jionoside B1

Chemical Properties

CAS No. :	120406-37-3
Formula:	C37H50O20
Molecular Weight:	814.78
Storage:	Store under nitrogen 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	Jionoside B1 is isolated from the roots of Jionoside (Gaertn.) and inhibits α -glucosidase.
Targets(IC50)	Glucosidase

Solubility Information

Solubility	DMSO: 240 mg/mL (294.56 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	1.2273 mL	6.1366 mL	12.2733 mL
5 mM	0.2455 mL	1.2273 mL	2.4547 mL
10 mM	0.1227 mL	0.6137 mL	1.2273 mL
50 mM	0.0245 mL	0.1227 mL	0.2455 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

- Fan QL, et al. Studies on phenylpropanoids from herbs of *Eriophyton wallichii*. *Zhongguo Zhong Yao Za Zhi*. 2008 Nov;33(22):2636-9.
- Thu VK, et al. Iridoid glycosides link with phenylpropanoids from *Rehmannia glutinosa*. *Nat Prod Res*. 2022 Oct;36(20):5370-5375.

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