

Sibiricose A1

Chemical Properties

CAS No. :	139726-40-2
Formula:	C ₂₃ H ₃₂ O ₁₅
Molecular Weight:	548.49
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	Sibiricose A1 is an oligosaccharide glycoside natural product primarily isolated from plants such as <i>Polygala sibirica</i> . It is used in life science and natural product research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (145.85 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	1.8232 mL	9.1159 mL	18.2319 mL
5 mM	0.3646 mL	1.8232 mL	3.6464 mL
10 mM	0.1823 mL	0.9116 mL	1.8232 mL
50 mM	0.0365 mL	0.1823 mL	0.3646 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

Tu HH, et, al. [Study on antidepressant components of sucrose ester from *Polygala tenuifolia*]. *Zhongguo Zhong Yao Za Zhi*. 2008 Jun;33(11):1278-80.

Jin HG, et al. A new indole glycoside from the seeds of *Raphanus sativus*. *Arch Pharm Res*. 2016 Jun;39(6):755-61.

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