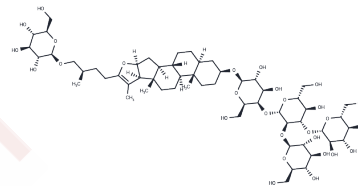


Macrostemonoside E

Chemical Properties

CAS No. :	151140-39-5
Formula:	C57H94O28
Molecular Weight:	1227.34
Storage:	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	Macrostemonoside E is a sitosterol glycoside isolated from <i>Allium macrostemon</i> , capable of inhibiting ADP-induced human platelet aggregation in vitro (IC ₅₀ =0.417 mM).
Targets(IC ₅₀)	Platelet aggregation

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8148 mL	4.0739 mL	8.1477 mL
5 mM	0.163 mL	0.8148 mL	1.6295 mL
10 mM	0.0815 mL	0.4074 mL	0.8148 mL
50 mM	0.0163 mL	0.0815 mL	0.163 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

Peng JP, Wang X, Yao XS. Yao Xue Xue Bao. Studies on two new furostanol glycosides from *Allium macrostemon* Bunge. 1993;28(7):526-531.

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