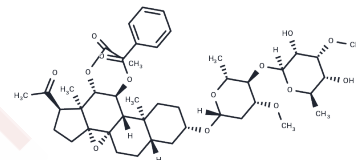


Tenacissoside I

Chemical Properties

CAS No. :	191729-44-9
Formula:	C44H62O14
Molecular Weight:	814.95
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tenacissoside I (Tenacissimoside B), Tenacissosides B, C and marsdenoside K inhibit the proliferation of Raji, NB4 and K562 cells in vitro significantly, in a dose and time dependent manner.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 11 mg/mL (13.5 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	1.2271 mL	6.1353 mL	12.2707 mL
5 mM	0.2454 mL	1.2271 mL	2.4541 mL
10 mM	0.1227 mL	0.6135 mL	1.2271 mL
50 mM	0.0245 mL	0.1227 mL	0.2454 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.

Reference

Xue H L, Huang X D, He D, et al. Effects of marsdenia tenacissima extract on proliferation and apoptosis of hematologic neoplasm cell line cells.[J]. Journal of Sichuan University, 2012, 43(2):174-9.

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