

Bidenoside C

Chemical Properties

CAS No. : 700877-55-0

Formula: C₁₆H₂₂O₆

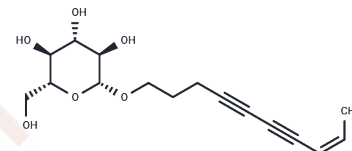
Molecular Weight: 310.34

Storage:

Store at low temperature, Keep away from direct sunlight

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	Bidenoside C is a flavonoid found in Brazilian propolis, the first of its kind to be isolated from a herb of the genus <i>Leech</i> , and has anti-proliferative activity against cancer cells.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 31.03 mg/mL (99.99 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2223 mL	16.1114 mL	32.2227 mL
5 mM	0.6445 mL	3.2223 mL	6.4445 mL
10 mM	0.3222 mL	1.6111 mL	3.2223 mL
50 mM	0.0644 mL	0.3222 mL	0.6445 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

Wang GK, et al. A new sesquiterpene from *Kalimeris integrifolia*. *Nat Prod Res.* 2018 ; 32(9):1004-1009.

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