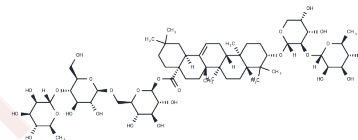


Hederasaponin B

Chemical Properties

CAS No. : 36284-77-2
 Formula: C₅₉H₉₆O₂₅
 Molecular Weight: 1205.38
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Hederasaponin B (Hederacoside B) has antiviral activity, via inhibiting the viral VP2 protein expression and blocking viral capsid protein synthesis.
Targets(IC50)	Virus Protease

Solubility Information

Solubility	DMSO: 25 mg/mL (20.74 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	0.8296 mL	4.1481 mL	8.2961 mL
5 mM	0.1659 mL	0.8296 mL	1.6592 mL
10 mM	0.083 mL	0.4148 mL	0.8296 mL
50 mM	0.0166 mL	0.083 mL	0.1659 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

Song J., et al. Antiviral Activity of Hederasaponin B from Hedera helix against Enterovirus 71 Subgenotypes C3 and C4a. *Biomol Ther (Seoul)*. 2014 Jan;22(1):41-6.
 Yu M., et al. Determination of saponins and flavonoids in ivy leaf extracts using HPLC-DAD. *J Chromatogr Sci*. 2015 Apr;53(4):478-83.

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