

## Bruceoside B

## Chemical Properties

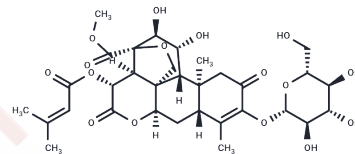
CAS No. : 69687-69-0

Formula: C<sub>32</sub>H<sub>42</sub>O<sub>16</sub>

Molecular Weight: 682.67

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	Bruceoside B, a triterpenoid saponin from <i>Brucea javanica</i> , has potential anticancer activity, inhibits InhA enzyme (Mycobacterium enoyl acyl carrier protein reductase) and acts as an anti-tuberculosis agent.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 200 mg/mL (292.97 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	1.4648 mL	7.3242 mL	14.6484 mL
5 mM	0.293 mL	1.4648 mL	2.9297 mL
10 mM	0.1465 mL	0.7324 mL	1.4648 mL
50 mM	0.0293 mL	0.1465 mL	0.293 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

He X, et al. Quassinoids from *Brucea javanica* and attenuates lipopolysaccharide-induced acute lung injury by inhibiting PI3K/Akt/NF-κB pathways. *Fitoterapia*. 2021 Sep;153:104980.

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