

## Yadanzioside F

## Chemical Properties

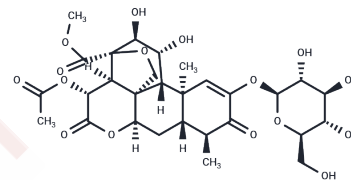
CAS No. : 95258-11-0

Formula: C<sub>29</sub>H<sub>38</sub>O<sub>16</sub>

Molecular Weight: 642.6

Storage: Keep away from moisture, Store at low temperature  
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	Yadanzioside F is a quassinoid and terpenoid extracted from the seed of Crowberry ( <i>Brucea javanica</i> ), which is lethally toxic to mice and has the potential to inhibit the enzyme InhA ( <i>Mycobacterium</i> enoyl acyl carrier protein reductase) and to act as an antituberculosis (TB) agent.
Targets(IC50)	Others,Parasite

## Solubility Information

Solubility	Ethanol: 20 mg/mL (31.12 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	1.5562 mL	7.7809 mL	15.5618 mL
5 mM	0.3112 mL	1.5562 mL	3.1124 mL
10 mM	0.1556 mL	0.7781 mL	1.5562 mL
50 mM	0.0311 mL	0.1556 mL	0.3112 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

Okuyama E, et al. 1990;110(11):834-838.

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