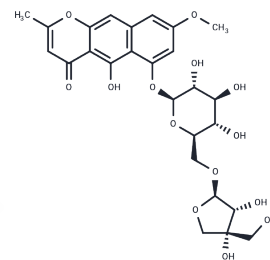


## Cassiaside B

## Chemical Properties

CAS No. :	119170-51-3
Formula:	C <sub>26</sub> H <sub>30</sub> O <sub>14</sub>
Molecular Weight:	566.51
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	Cassiaside B is a natural product with potent antibacterial activity.
Targets(IC50)	Antibacterial
In vitro	The MIC for Cassiaside B against Acinetobacter sp. is 10 µg/mL[1].

## Solubility Information

Solubility	DMSO: 58.82 mg/mL (103.83 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	1.7652 mL	8.826 mL	17.6519 mL
5 mM	0.353 mL	1.7652 mL	3.5304 mL
10 mM	0.1765 mL	0.8826 mL	1.7652 mL
50 mM	0.0353 mL	0.1765 mL	0.353 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

I Messana, et al. An anthraquinone and three naphthopyrone derivatives from Cassia pudibunda. Phytochemistry. 1991;30(2):708-10.

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