

## Officinalisinin I

## Chemical Properties

CAS No. : 57944-18-0

Formula: C<sub>45</sub>H<sub>76</sub>O<sub>19</sub>

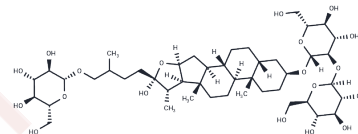
Molecular Weight: 921.07

Keep away from direct sunlight, Keep away from moisture

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	Officinalisinin I can effectively reduce the blood glucose and protect nerve injury in diabetic mice.
Targets(IC50)	Others

## Solubility Information

Solubility	Ethanol: Soluble, DMSO: 160 mg/mL (173.71 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	1.0857 mL	5.4285 mL	10.8569 mL
5 mM	0.2171 mL	1.0857 mL	2.1714 mL
10 mM	0.1086 mL	0.5428 mL	1.0857 mL
50 mM	0.0217 mL	0.1086 mL	0.2171 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

Liu J, et al. Study on hypoglycemic mechanism and central nerve protection of Officinalisinin I in Rhizoma Anemarrhenae[J]. China Journal of Traditional Chinese Medicine & Pharmacy, 2017.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481