

## Sibiricose A6

## Chemical Properties

CAS No. : 241125-75-7

Formula: C<sub>23</sub>H<sub>32</sub>O<sub>15</sub>

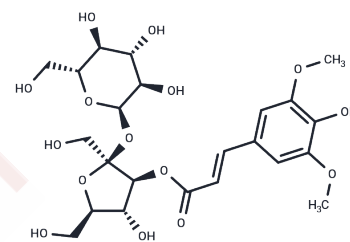
Molecular Weight: 548.49

Storage:

Keep away from moisture, Keep away from direct sunlight

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	1. Sibiricose A6 displays antidepressant-like action, it may prevent or relieve depression. 2. Sibiricose A6 shows potent antioxidant activity.
Targets(IC <sub>50</sub> )	Antioxidant

## Solubility Information

Solubility	Pyridine, Methanol, etc.: Soluble, Ethanol: Soluble, DMSO: 77.5 mg/mL (141.3 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	1.8232 mL	9.1159 mL	18.2319 mL
5 mM	0.3646 mL	1.8232 mL	3.6464 mL
10 mM	0.1823 mL	0.9116 mL	1.8232 mL
50 mM	0.0365 mL	0.1823 mL	0.3646 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

Shi Q , Chen J , Zhou Q , et al. Indirect identification of antioxidants in Polygalae Radix through their reaction with 2,2-diphenyl-1-picrylhydrazyl and subsequent HPLC-ESI-Q-TOF-MS/MS[J]. Talanta, 2015, 144:830-835.

Huang B, Lin B, Zheng H, et al. Discovery of natural products as influenza neuraminidase inhibitors: in silico screening, in vitro validation, and molecular dynamic simulation studies. Molecular Diversity. 2025: 1-17.

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