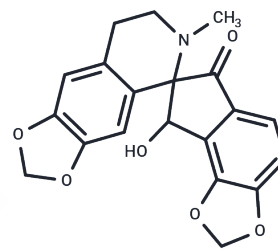


## Sibiricine

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 24181-66-6  |
| Formula:          | C <sub>20</sub> H <sub>17</sub> N <sub>1</sub> O <sub>6</sub>   |
| Molecular Weight: | 367.35  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|             |  |
|-------------|--|
| Description | Sibiricine (Compound 8), an isoquinoline alkaloid extracted from the medicinal plant <i>Corydalis crispa</i> , exhibits substantial anti-inflammatory effects by inhibiting TNF- $\alpha$ production in LPS-activated THP-1 cells [1]. |
|-------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 2.7222 mL | 13.611 mL | 27.222 mL |
| 5 mM  | 0.5444 mL | 2.7222 mL | 5.4444 mL |
| 10 mM | 0.2722 mL | 1.3611 mL | 2.7222 mL |
| 50 mM | 0.0544 mL | 0.2722 mL | 0.5444 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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