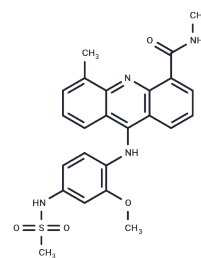


## Asulacrine free base

### Chemical Properties

|                   |                                                                 |
|-------------------|-----------------------------------------------------------------|
| CAS No. :         | 80841-47-0                                                      |
| Formula:          | C <sub>24</sub> H <sub>24</sub> N <sub>4</sub> O <sub>4</sub> S |
| Molecular Weight: | 464.54                                                          |
| Appearance:       | no data available                                               |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year        |



### Biological Description

|             |                                                                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Asulacrine free base, also known as CI-921; NSC-343499; SN-21407, is a topoisomerase II inhibitor with antineoplastic properties. Asulacrine free base inhibits the enzyme topoisomerase II, thereby blocking DNA replication and RNA and protein synthesis. |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.1527 mL | 10.7633 mL | 21.5267 mL |
| 5 mM  | 0.4305 mL | 2.1527 mL  | 4.3053 mL  |
| 10 mM | 0.2153 mL | 1.0763 mL  | 2.1527 mL  |
| 50 mM | 0.0431 mL | 0.2153 mL  | 0.4305 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.

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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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