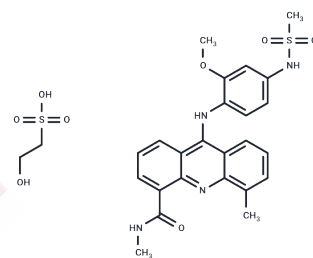


Asulacrine isethionate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 80841-48-1 |
| Formula: | C ₂₆ H ₃₀ N ₄ O ₇ S ₂ |
| Molecular Weight: | 574.669 |
| 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 | Asulacrine isethionate, also known as CI-921; NSC-343499; SN-21407, is a topoisomerase II inhibitor with antineoplastic properties. Asulacrine isethionate inhibits the enzyme topoisomerase II, thereby blocking DNA replication and RNA and protein synthesis. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7401 mL | 8.7006 mL | 17.4013 mL |
| 5 mM | 0.348 mL | 1.7401 mL | 3.4803 mL |
| 10 mM | 0.174 mL | 0.8701 mL | 1.7401 mL |
| 50 mM | 0.0348 mL | 0.174 mL | 0.348 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

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

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