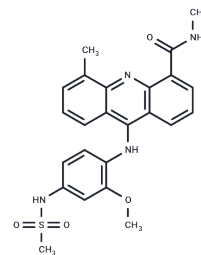


## Asulacrine free base

## 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
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 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.
Targets(IC50)	Others

## 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.

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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