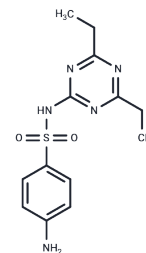


## Sulfasymazine

## Chemical Properties

CAS No. :	1984-94-7
Formula:	C <sub>13</sub> H <sub>17</sub> N <sub>5</sub> O <sub>2</sub> S
Molecular Weight:	307.37
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	Sulfasymazine is a sulfonamide drug.
Targets(IC50)	Antibacterial
In vivo	Sulfasymazine is from 2 to 10 times more potent than sulfisoxazole on a dosage basis. Sulfasymazine potency ranges from 0.3 to 1 on a blood level basis. In acute toxicity studies in mice, the sodium salt of Sulfasymazine is tolerated at 2000 mg/kg orally, and at 1000 mg/kg intraperitoneally [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2534 mL	16.267 mL	32.5341 mL
5 mM	0.6507 mL	3.2534 mL	6.5068 mL
10 mM	0.3253 mL	1.6267 mL	3.2534 mL
50 mM	0.0651 mL	0.3253 mL	0.6507 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

Redin GS, et al. An evaluation of sulfasymazine in infections in mice. *Chemotherapy*. 1966;11(6):309-14.

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

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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481