

Product Name: Sulfamethoxazole Revision Date: 01/10/2021

## **Product Data Sheet**

# Sulfamethoxazole

**Cat. No.:** B2040

CAS No.: 723-46-6

Formula: C10H11N3O3S

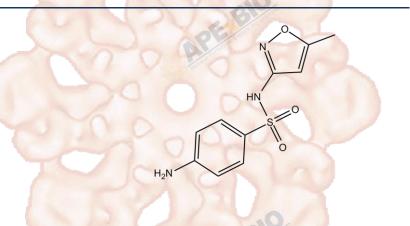
M.Wt: 253.28

Synonyms:

Target:

Pathway:

Storage: Store at -20°C



## Solvent & Solubility

insoluble in H2O;  $\geqslant$ 7.75 mg/mL in DMSO;  $\geqslant$ 9.62 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent Concentration	1mg	5mg	10mg
	1 mM	3.9482 mL	19.7410 mL	39.4820 mL
	5 mM	0.7896 mL	3.9482 mL	7.8964 mL
	10 mM	0.3948 mL	1.9741 mL	3.9482 mL

Please refer to the solubility information to select the appropriate solvent.

# **Biological Activity**

Shortsummary	sulfonamide bacteriostatic antibiotic		
IC <sub>50</sub> & Target			
In Vitro	Cell Viability Assay		
	Preparation method:		
In Vivo	Animal experiment		
	Applications:		

### **Product Citations**

See more customer validations on www.apexbt.com.

### References



### Caution

#### FOR RESEARCH PURPOSES ONLY.

#### NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

### **APExBIO Technology**

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