

## Sulfamethoxazole

Catalog No: #S0885

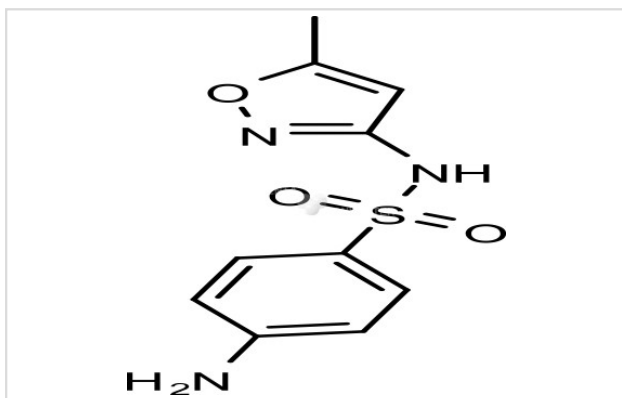
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## Description

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Product Name      | Sulfamethoxazole                                |
| Brief Description | Inhibitors                                      |
| Purification      | 99.00%                                          |
| Target Name       | Autophagy antagonist; Others antagonist         |
| Calculated MW     | 253.28                                          |
| Formulation       | C10H11N3O3S                                     |
| Storage           | 3 years -20°C powder; 2 years -80°C in solvent; |

## Images



## Product Description

Research Area: Immunology  
SMILES: CC1=CC(NS(=O)(=O)C2=CC=C(N)C=C2)=NO1  
Pathways: Autophagy; Others  
Receptor: DHPS; FolC  
Boiling pt: 482.1°C  
Melting pt: 166°C  
Solubility: Ethanol: 23 mg/mL (90.8 mM); DMSO: 51 mg/mL (201.35 mM)  
Appearance: White Powder  
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

## References

1. Winstanley PA, et al. Antimicrob Agents Chemother. 1995 Apr;39(4):948-52.

Note: This product is for in vitro research use only