

Sulfadoxine

Catalog No: #S0836

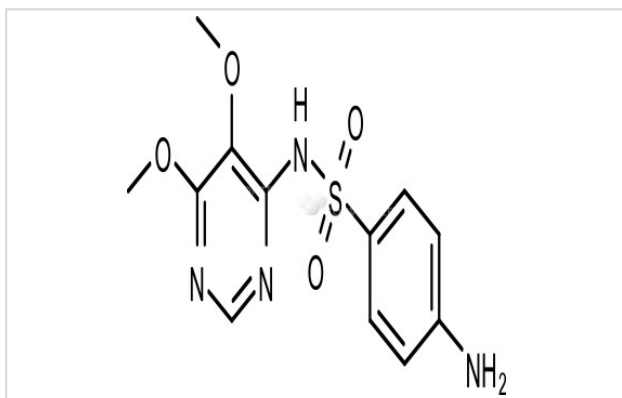
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Description

Product Name	Sulfadoxine
Brief Description	Inhibitors
Purification	98.36%
Target Name	Autophagy inhibitor; DHFR inhibitor
Calculated MW	310.33
Formulation	C ₁₂ H ₁₄ N ₄ O ₄ S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area:Respiratory systemSMILES:COC1=NC=NC(NS(=O)(=O)C2=CC=C(N)C=C2)=C1OCPathways:Autophagy;

MetabolismReceptor:DHPS; DHFRBoiling pt:Melting pt:190-194CSolubility:Water: 62 mg/mL (199.78 mM)Appearance:White PowderRemark: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. Raman J, et al. Am J Trop Med Hyg. 2010, 82(5):788-94.

Note: This product is for in vitro research use only