

## Hydrochlorothiazide

Catalog No: #S1449

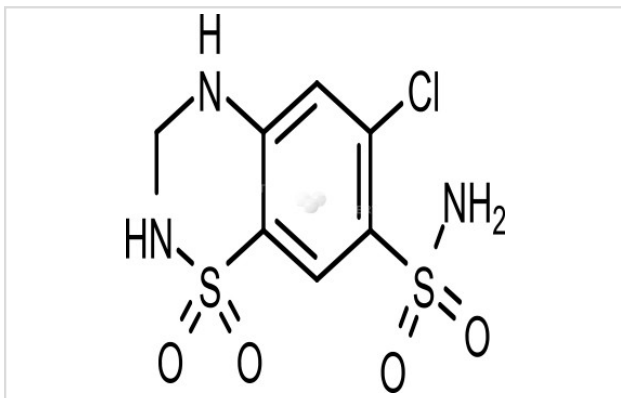
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## Description

Product Name	Hydrochlorothiazide
Brief Description	Inhibitors
Purification	99.90%
Target Name	Carbonic Anhydrase inhibitor; Potassium Channel
Calculated MW	297.74
Formulation	C7H8ClN3O4S2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cardiovascular System  
 SMILES: NS(=O)(=O)C1=C(Cl)C=C2NCNS(=O)(=O)C2=C1  
 Pathways: Membrane transporter/Ion channel;  
 Metabolism Receptor: Carbonic anhydrase; Potassium Channel  
 Boiling pt: Melting pt: Solubility: Ethanol: 13 mg/mL (43.66 mM); DMSO: 60 mg/mL (201.51 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 months.

## References

1. Ran XW, et al. Sichuan Da Xue Xue Bao Yi Xue Ban. 2005 Jul; 36(4):583-7.

Note: This product is for in vitro research use only