

Trichlormethiazide

Catalog No: #S0114

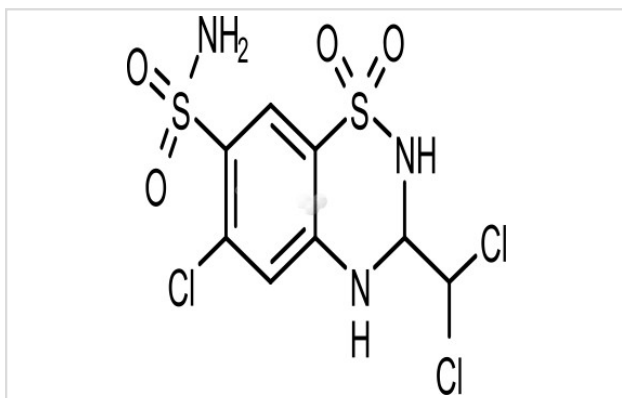
Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Trichlormethiazide
Brief Description	Inhibitors
Purification	99.00%
Target Name	ATPase inhibitor; Carbonic Anhydrase inhibitor
Calculated MW	380.66
Formulation	C8H8Cl3N3O4S2
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=C2NC(NS(=O)(=O)C2=C1)C(Cl)Cl
 Pathways: Membrane transporter/Ion channel; Metabolism
 Receptor: Na⁺/K⁺-ATPase; Carbonic anhydrase
 Boiling pt: 631.3°C
 Melting pt: 248-250°C
 Solubility: DMSO: 54 mg/mL (141.85 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. Temperini C, et al. Bioorg Med Chem. 2009 Feb 1;17(3):1214-21.

Note: This product is for in vitro research use only