

## Trimetazidine dihydrochloride

Catalog No: #S0988

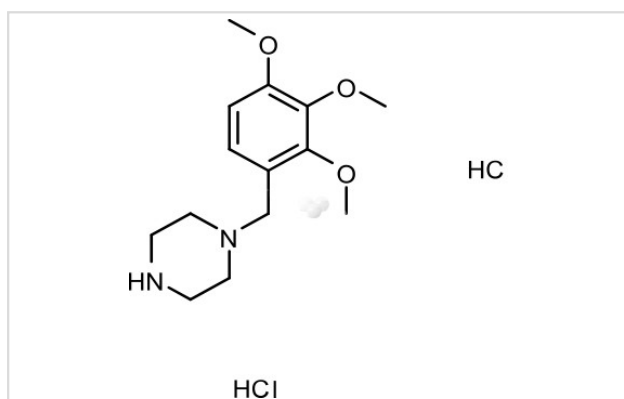
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## Description

Product Name	Trimetazidine dihydrochloride
Brief Description	Inhibitors
Purification	98.00%
Target Name	Fatty Acid Synthase inhibitor
Calculated MW	339.26
Formulation	C <sub>14</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub> ·2HCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cardiovascular System  
 SMILES: Cl.C1=CC(OC)=C(CN2CCNCC2)C=C1  
 Pathways: Metabolism  
 Receptor: mitochondrial long-chain 3-ketoacyl thiolase  
 Boiling pt: 364°C  
 Melting pt: 231-235°C  
 Solubility: Water: 10 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. Kantor PF, et al. Circ Res. 2000 Mar 17;86(5):580-8.

Note: This product is for in vitro research use only