

Product Name : Trimetazidine dihydrochloride

Synonyms : Trimetazidine Dihydrochloride

Cat No. : M11287

CAS Number : 13171-25-0

Molecular Formula : C₁₄H₂₂N₂O₃·2HCl

Formula Weight : 339.26

Chemical Name : 1-[(2,3,4-Trimethoxyphenyl)methyl]piperazine dihydrochloride

Description : Trimetazidine dihydrochloride is a drug for angina pectoris. Trimetazidine is the first cytoprotective anti-ischemic agent, which improves myocardial glucose utilization through inhibition of fatty acid metabolism.

Pathway : Metabolic Enzyme/Protease

Target : Fatty Acid Synthase

Receptor : mitochondrial long-chain 3-ketoacyl thiolase

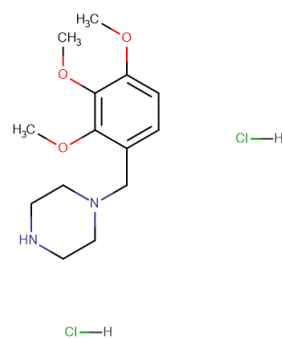
Solubility : Water: 10 mM

SMILES : COC1=CC=C(CN2CCNCC2)C(OC)=C1OC.[H]Cl.[H]Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1.Kantor PF, et al. Circ Res. 2000 Mar 17;86(5):580-8.