

## Ranolazine dihydrochloride

Catalog No: #S0207

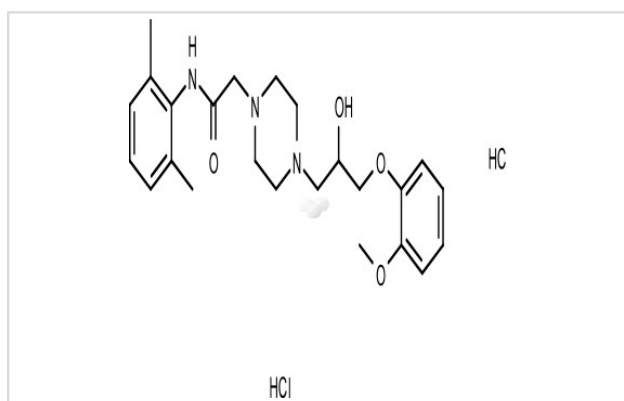
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## Description

Product Name	Ranolazine dihydrochloride
Brief Description	Inhibitors
Purification	99.50%
Target Name	Calcium Channel inhibitor; Sodium Channel inhibitor
Calculated MW	500.46
Formulation	C <sub>24</sub> H <sub>35</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cardiovascular System  
 SMILES: Cl.Cl.COC1=CC=CC=C1OCC(O)CN1CCN(CC(=O)NC2=C(C)C=CC=C2C)CC1  
 Pathways: Membrane transporter/Ion channel  
 Receptor: Calcium Channel; Sodium Channel  
 Boiling pt: 624.1°C  
 Melting pt: 222-229.5°C  
 Solubility: Water: 100 mg/mL (199.81 mM); DMSO: 100 mg/mL (199.81 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. Undrovinas AI, et al. J Cardiovasc Electrophysiol, 2006, 17 Suppl 1, S169-S177.

Note: This product is for in vitro research use only