

## Isoprenaline hydrochloride

Catalog No: #S1056

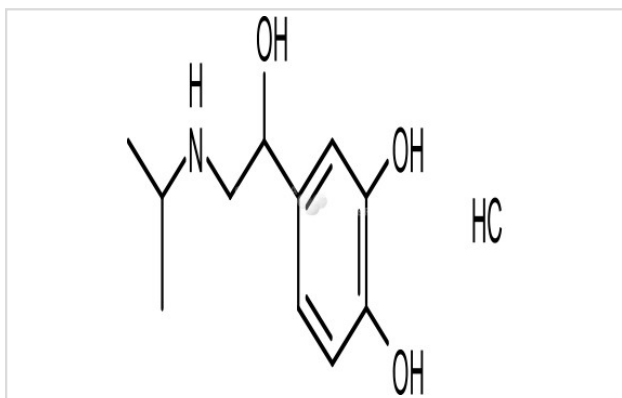
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## Description

Product Name	Isoprenaline hydrochloride
Brief Description	Inhibitors
Purification	99.50%
Target Name	Adrenergic Receptor agonist; PDE agonist; PI3K agonist
Calculated MW	247.72
Formulation	C11H18ClNO3
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cardiovascular System  
 SMILES: CC(C)NCC(O)C1=CC(O)=C(O)C=C1  
 Pathways: Neuroscience; Metabolism; PI3K/Akt/mTOR signaling; GPCR/G Protein Receptor: Adrenergic Receptor; CAMP PDE; PI3K  
 Boling pt: 417.5°C Melting pt: 165-175°C Solubility: Water: 50 mg/mL (201.84 mM); DMSO: 50 mg/mL (201.84 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. Degerman E, et al. Proc Natl Acad Sci U S A, 1990, 87(2), 533-537.

Note: This product is for in vitro research use only