

## Verapamil hydrochloride

Catalog No: #S1010

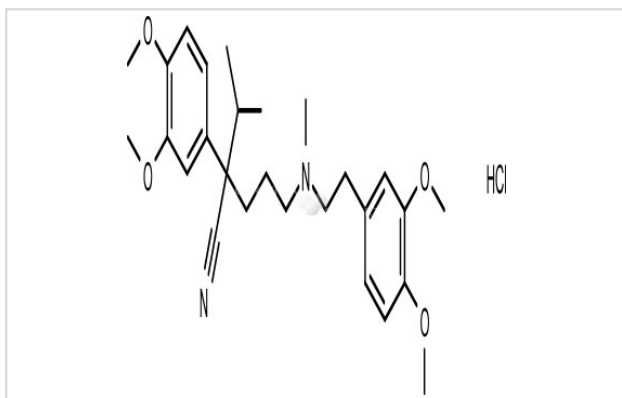
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## Description

Product Name	Verapamil hydrochloride
Brief Description	Inhibitors
Purification	98.00%
Target Name	Calcium Channel inhibitor
Calculated MW	491.06
Formulation	C27H39ClN2O4
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cardiovascular

System SMILES: Cl.COC1=C(OC)C=C(CCN(C)CCCC(C#N)(C(C)C)C2=CC(OC)=C(OC)C=C2)C=C1

Pathways: Membrane transporter/Ion channel

Receptor: Calcium Channel

Boling pt: 586.1°C

Melting pt: 142°C

Solubility: Ethanol: 12 mg/mL (24.43 mM); Water: 50 mg/mL (101.82 mM); DMSO: 98 mg/mL (199.56 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. Dilmac N, et al. Mol Pharmacol. 2004 Nov;66(5):1236-47.

Note: This product is for in vitro research use only