

Cinchonine

Catalog No: #S0012

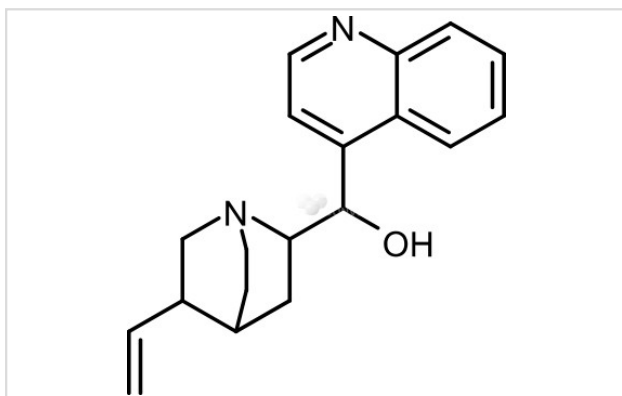
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Description

Product Name	Cinchonine
Brief Description	Inhibitors
Purification	99.70%
Target Name	CaMK inhibitor; Sodium Channel inhibitor
Calculated MW	294.39
Formulation	C19H22N2O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
 SMILES: C=C[C@H]1CN2CC[C@H]1C[C@@H]2[C@H](C3=CC=NC4=CC=CC=C34)O
 Pathways: Membrane transporter/Ion channel; Neuroscience
 Receptor: CAM; Sodium Channel
 Boiling pt: 464.5°C
 Melting pt: 260-263°C
 Solubility: Water: 42 mg/L (at 21°C)
 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. Oka M, et al. Eur J Pharmacol. 2002 Oct 4;452(2):175-81.

Note: This product is for in vitro research use only