

Cinchonine

Catalog No: #S0012

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

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;

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 and is not intended for use in humans or animals.