

Mepivacaine hydrochloride

Catalog No: #S0946

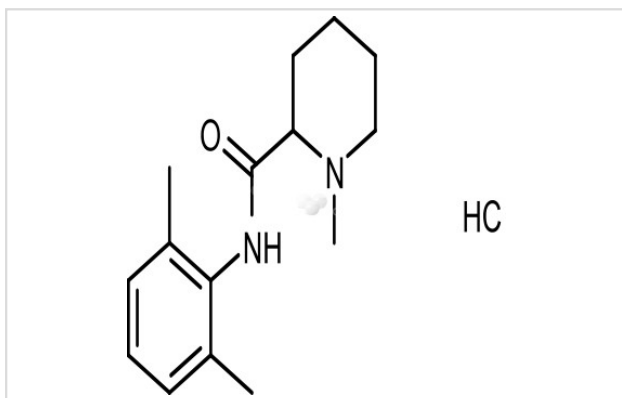
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Description

Product Name	Mepivacaine hydrochloride
Brief Description	Inhibitors
Purification	99.53%
Target Name	Sodium Channel inhibitor
Calculated MW	282.81
Formulation	C ₁₅ H ₂₂ N ₂ O ₂ ·HCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Other
 SMILES: Cl.CN1CCCCC1C(=O)NC1=C(C)C=CC=C1
 Pathways: Membrane transporter/Ion channel
 Receptor: Sodium Channel
 Boiling pt: 383.1°C
 Melting pt: 255-257°C
 Solubility: Ethanol: 8 mg/mL (28.28 mM); Water: 57 mg/mL (201.54 mM); DMSO: 3 mg/mL (10.6 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. Gough MR, et al. Equine Vet J, 2002, 34(1), 80-84.

Note: This product is for in vitro research use only