

Bupivacaine hydrochloride

Catalog No: #S0030

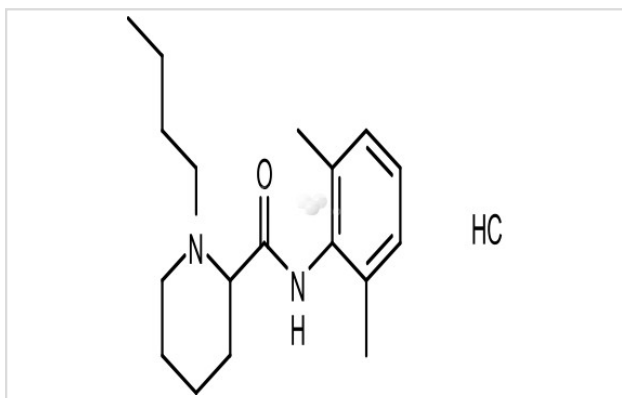
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Description

Product Name	Bupivacaine hydrochloride
Brief Description	Inhibitors
Purification	99.48%
Target Name	Prostaglandin Receptor inhibitor; Sodium Channel inhibitor
Calculated MW	324.89
Formulation	C ₁₈ H ₂₈ N ₂ O ₂ ·HCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Other
 SMILES: CCCCN1CCCCC1C(=O)NC1=C(C)C=CC=C1
 Pathways: GPCR/G Protein; Membrane transporter/Ion channel
 Receptor: PGE2; Sodium Channel
 Boiling pt: 423.4°C
 Melting pt: 107.5°C
 Solubility: Ethanol: 65 mg/mL (200.06 mM); Water: 23 mg/mL (70.79 mM); DMSO: 65 mg/mL (200.06 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 months.

References

1. Sheets MF, et al. Trends Cardiovasc Med. 2010 Jan;20(1):16-21.

Note: This product is for in vitro research use only