

Mexiletine hydrochloride

Catalog No: #S1046

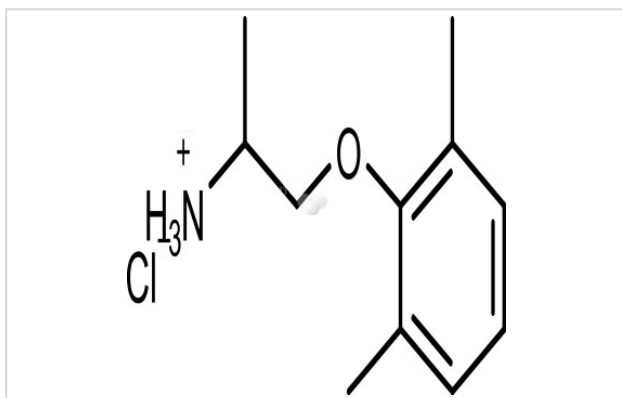
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Description

| | |
|-------------------|---|
| Product Name | Mexiletine hydrochloride |
| Brief Description | Inhibitors |
| Purification | 98.00% |
| Target Name | AhR agonist; sodium channel inhibitor |
| Calculated MW | 215.72 |
| Formulation | C11H18ClNO |
| Storage | 3 years -20°C powder; 2 years -80°C in solvent; |

Images



Product Description

Research Area: Cardiovascular System
 SMILES: [Cl-].CC([NH3+])COC1=C(C)C=CC=C1
 Pathways: Membrane transporter/Ion channel;
 Metabolism Receptor: AhR; Voltage-gated sodium channel
 Boiling pt: 271.5°C
 Melting pt: 200-203°C
 Solubility: Ethanol: 43 mg/mL (199.33 mM); Water: 43 mg/mL (199.33 mM); DMSO: 43 mg/mL (199.33 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. Valdivia CR, et al. Cardiovasc Res. 2002 Aug 1;55(2):279-89.

Note: This product is for in vitro research use only