

Serotonin hydrochloride

Catalog No: #S2209

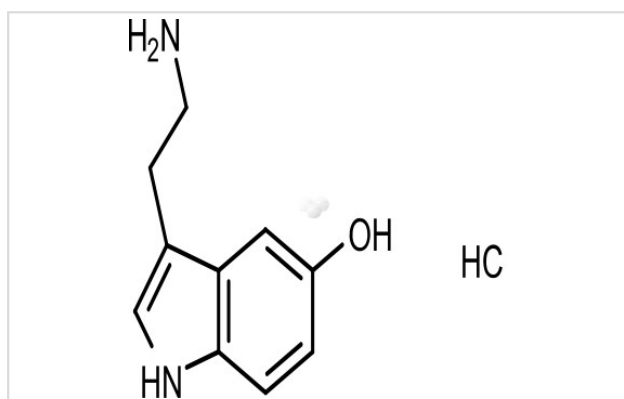
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Description

Product Name	Serotonin hydrochloride
Brief Description	Inhibitors
Purification	99.93%
Target Name	5-HT Receptor antagonist
Calculated MW	212.68
Formulation	C ₁₀ H ₁₂ N ₂ O ₂ HCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
 SMILES: Cl.NCCC1=CNC2=C1C=C(O)C=C2
 Pathways: GPCR/G Protein; Neuroscience
 Receptor: 5-HT
 Boiling pt: 416.1°C
 Melting pt: 149-154°C
 Solubility: Ethanol: 2 mg/mL (9.4 mM); Water: 43 mg/mL (202.18 mM); DMSO: 43 mg/mL (202.18 mM)
 Appearance: White or Cream-colour 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. Lamichhane K, et al. Ecotoxicol Environ Saf. 2014 Mar;101:124-30.

Note: This product is for in vitro research use only