

Diphenhydramine hydrochloride

Catalog No: #S0330

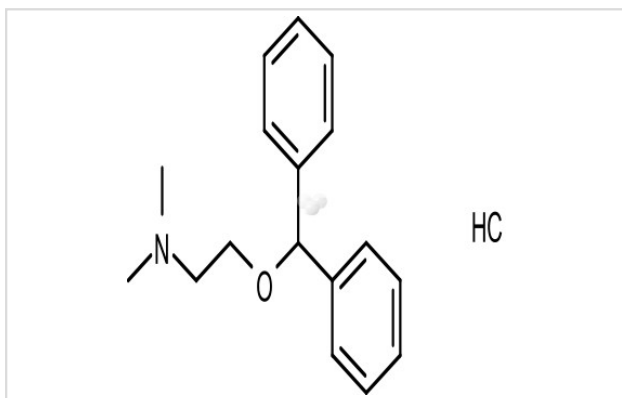
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Description

Product Name	Diphenhydramine hydrochloride
Brief Description	Inhibitors
Purification	98.00%
Target Name	Histamine Receptor antagonist
Calculated MW	291.82
Formulation	C17H22ClNO
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
SMILES: CN(C)CCOC(C1=CC=CC=C1)C1=CC=CC=C1
Pathways: GPCR/G Protein; Immunology/Inflammation; Neuroscience
Receptor: H1 receptor
Boiling pt: 343.7°C
Melting pt: 168-172°C
Solubility: Ethanol: 58 mg/mL (198.75 mM); Water: 58 mg/mL (198.75 mM); DMSO: 58 mg/mL (198.75 mM)
Appearance: White Crystal
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. Piao H, et al. *Vascul Pharmacol.* 2007 Apr;46(4):260-70.

Note: This product is for in vitro research use only