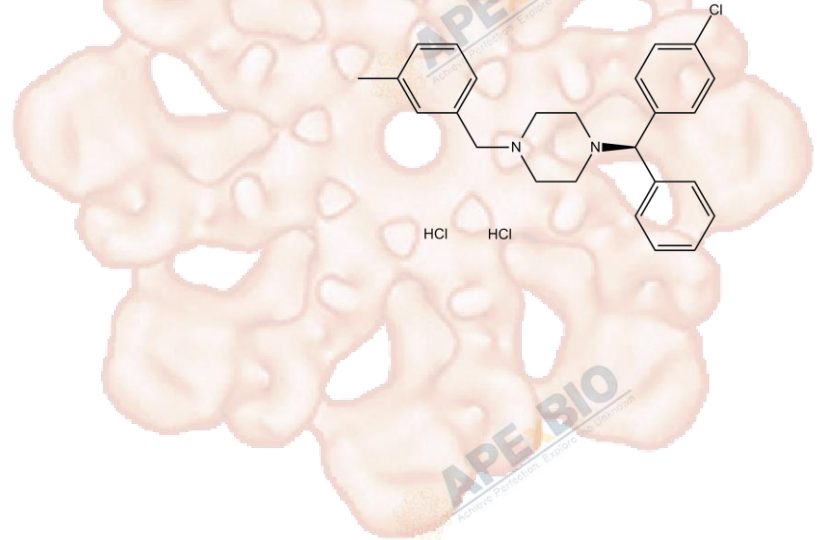


Product Data Sheet

Meclizine 2HCl

Cat. No.: B1786
CAS No.: 1104-22-9
Formula: C₂₅H₂₇Cl₂N₂·2HCl
M.Wt: 463.87
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥2.93 mg/mL in EtOH with ultrasonic; ≥48.9 mg/mL in DMSO with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.1558 mL	10.7789 mL	21.5578 mL
	5 mM	0.4312 mL	2.1558 mL	4.3116 mL
	10 mM	0.2156 mL	1.0779 mL	2.1558 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

Histamine H1 receptor antagonist

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Jingyi Zhu, Ping Li, et al. "Altered energy status during the early optic nerve crush injury: Implications of Warburg-like aerobic glycolysis facilitating RGC survival." EBioMedicine.2018.

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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