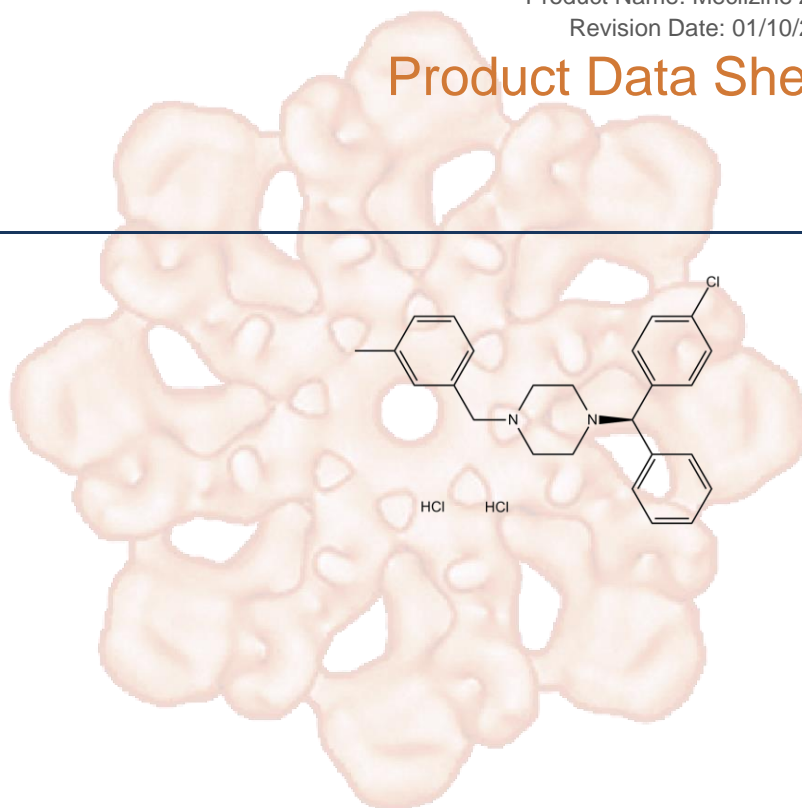


# Product Data Sheet

## Meclizine 2HCl

**Cat. No.:** B1786  
**CAS No.:** 1104-22-9  
**Formula:** C<sub>25</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>2</sub>·2HCl  
**M.Wt:** 463.87  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

≥48.9mg/mL in DMSO with ultrasonic, insoluble in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
		Concentration	1mM	5mM	10mM
	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

IC<sub>50</sub> & 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](http://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 APEX BIO 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.*

**APEX BIO Technology**

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