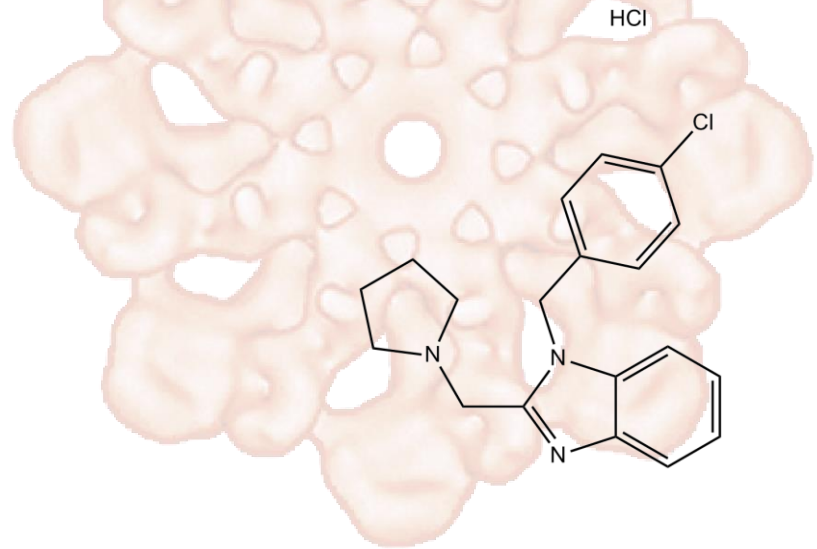


## Clemizole hydrochloride

**Cat. No.:** A3316  
**CAS No.:** 1163-36-6  
**Formula:** C<sub>19</sub>H<sub>21</sub>Cl<sub>2</sub>N<sub>3</sub>  
**M.Wt:** 362.3  
**Synonyms:**  
**Target:** Neuroscience  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

$\geq 18.115$  mg/mL in DMSO,  $\geq 15.13$  mg/mL in EtOH with ultrasonic and warming,  $\geq 5.12$  mg/mL in H<sub>2</sub>O with ultrasonic and warming

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.7601 mL	13.8007 mL	27.6014 mL
	5 mM	0.5520 mL	2.7601 mL	5.5203 mL
	10 mM	0.2760 mL	1.3801 mL	2.7601 mL

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

### Biological Activity

Shortsummary

H1 histamine receptor antagonist

 IC<sub>50</sub> & Target

8 mM (NS4B)

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

## Product Citations

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**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

