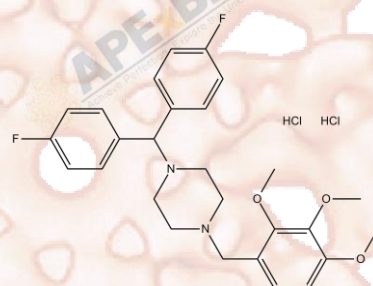


# Product Data Sheet

## Lomerizine HCl

**Cat. No.:** B1782  
**CAS No.:** 101477-54-7  
**Formula:** C<sub>27</sub>H<sub>30</sub>F<sub>2</sub>N<sub>2</sub>O<sub>3</sub>·2HCl  
**M.Wt:** 541.46  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



## Solvent & Solubility

≥24.1 mg/mL in DMSO with gentle warming; insoluble in H<sub>2</sub>O; ≥47.2 mg/mL in EtOH

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	1.8469 mL	9.2343 mL	18.4686 mL
		5 mM	0.3694 mL	1.8469 mL	3.6937 mL
		10 mM	0.1847 mL	0.9234 mL	1.8469 mL

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

## Biological Activity

Shortsummary

Calcium channel inhibitor

IC<sub>50</sub> & Target

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**

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