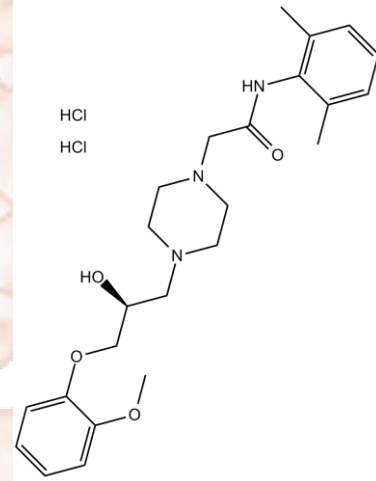


# Product Data Sheet

## Ranolazine 2HCl

**Cat. No.:** A5300  
**CAS No.:** 95635-56-6  
**Formula:** C<sub>24</sub>H<sub>33</sub>N<sub>3</sub>O<sub>4</sub>·2HCl  
**M.Wt:** 500.46  
**Synonyms:**  
**Target:** Membrane Transporter/Ion Channel  
**Pathway:** Calcium Channel  
**Storage:** Store at -20°C



### Solvent & Solubility

≥20.25 mg/mL in DMSO; ≥3.34 mg/mL in EtOH with ultrasonic; ≥47.2 mg/mL in H<sub>2</sub>O

In Vitro

Preparing	Solvent	Mass	1mg	5mg	10mg
		Concentration			
Stock Solutions	1 mM		1.9982 mL	9.9908 mL	19.9816 mL
	5 mM		0.3996 mL	1.9982 mL	3.9963 mL
	10 mM		0.1998 mL	0.9991 mL	1.9982 mL

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

### Biological Activity

Shortsummary

Partial fatty acid oxidation 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 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.*

**APExBIO Technology**

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