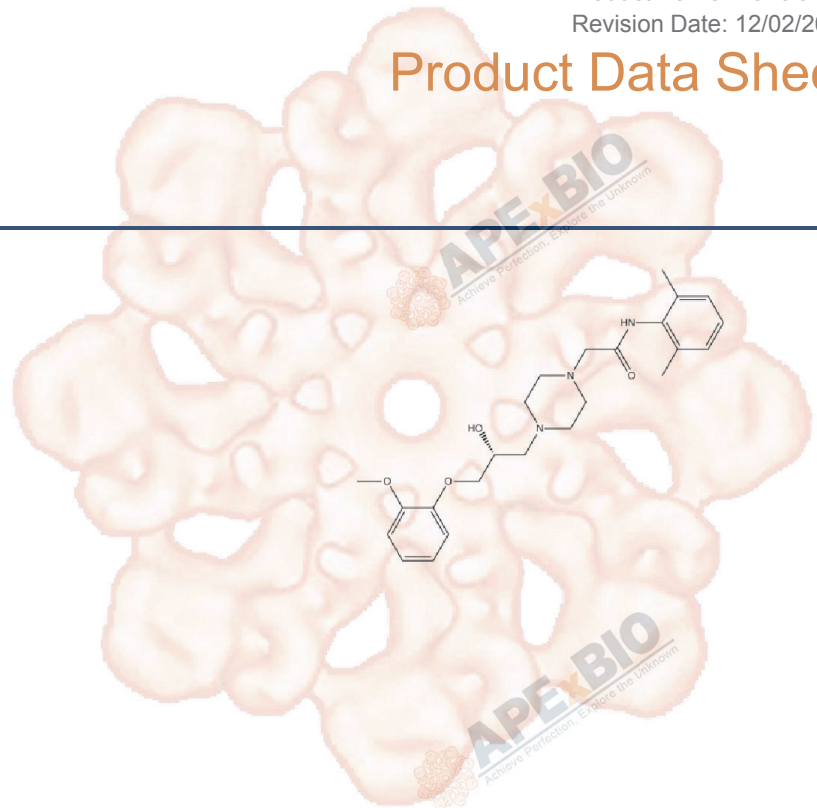


Product Data Sheet

Ranolazine

Cat. No.:	A8510
CAS No.:	95635-55-5
Formula:	C ₂₄ H ₃₃ N ₃ O ₄
M.Wt:	427.54
Synonyms:	
Target:	Others
Pathway:	Others
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥13.18 mg/mL in EtOH with ultrasonic; ≥17.4 mg/mL in DMSO

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
		Concentration			
		1 mM	2.3390 mL	11.6948 mL	23.3896 mL
		5 mM	0.4678 mL	2.3390 mL	4.6779 mL
		10 mM	0.2339 mL	1.1695 mL	2.3390 mL

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

Biological Activity

Shortsummary	Anti-ischemic
IC ₅₀ & Target	
In Vitro	Cell Viability Assay
	Preparation method:
In Vivo	Animal experiment
	Applications:

Product Citations

1. Blanchette AD, Grimm FA, et al. "Thorough QT/QTc in a Dish: An In Vitro Human Model That Accurately Predicts Clinical Concentration-QTc Relationships." Clin Pharmacol Ther. 2018 Oct 22. PMID:30346629

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. Short-term 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

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

