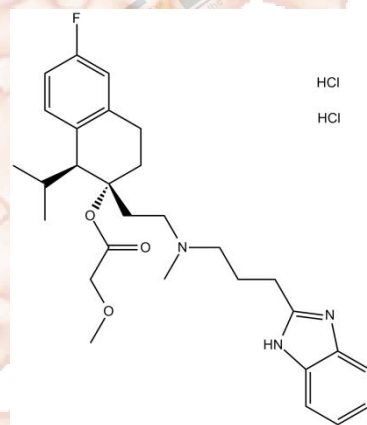


Product Data Sheet

Mibefradil dihydrochloride

Cat. No.:	A3605
CAS No.:	116666-63-8
Formula:	C ₂₉ H ₄₀ Cl ₂ FN ₃ O ₃
M.Wt:	568.55
Synonyms:	Ro 40-5967
Target:	Membrane Transporter/Ion Channel
Pathway:	Calcium Channel
Storage:	Store at -20° C



Solvent & Solubility

≥51.1 mg/mL in DMSO; ≥53 mg/mL in EtOH; ≥26.75 mg/mL in H₂O

In Vitro	Preparing Stock Solutions			1mg	5mg	10mg
		Solvent	Mass			
		Concentration				
		1 mM	1.7589 mL	8.7943 mL	17.5886 mL	
		5 mM	0.3518 mL	1.7589 mL	3.5177 mL	
		10 mM	0.1759 mL	0.8794 mL	1.7589 mL	

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

Biological Activity

Shortsummary Ca²⁺ channel blocker ,antihypertensive

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

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.

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