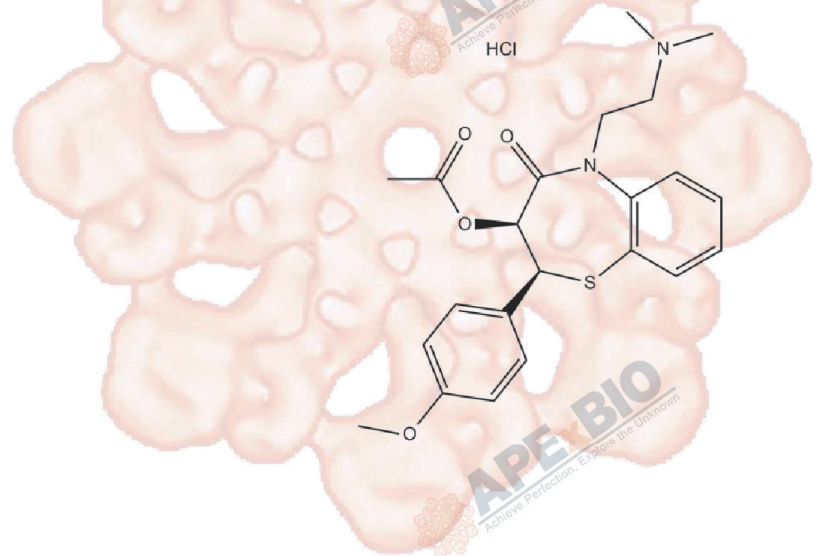


Product Data Sheet

Diltiazem HCl

Cat. No.:	B2089
CAS No.:	33286-22-5
Formula:	C ₂₂ H ₂₆ N ₂ O ₄ S·HCl
M.Wt:	450.98
Synonyms:	
Target:	
Pathway:	
Storage:	Store at -20°C



Solvent & Solubility

≥ 100 mg/mL in H₂O; ≥ 12.4 mg/mL in DMSO; ≥ 2.56 mg/mL in EtOH with ultrasonic

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	2.2174 mL	11.0870 mL	22.1739 mL
		5 mM	0.4435 mL	2.2174 mL	4.4348 mL
		10 mM	0.2217 mL	1.1087 mL	2.2174 mL

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

Biological Activity

Shortsummary	inhibitor of L-type Ca ²⁺ channels	
IC ₅₀ & 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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