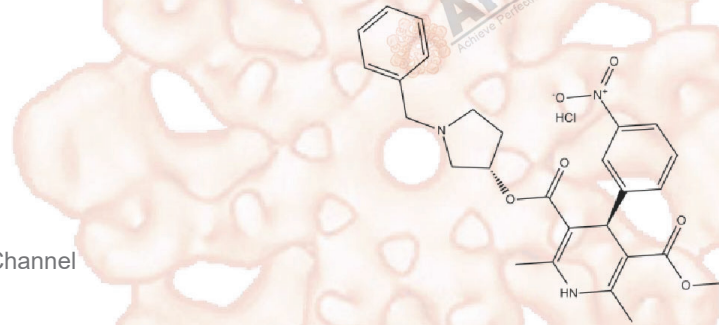


Product Data Sheet

Barnidipine (hydrochloride)

Cat. No.:	C3727
CAS No.:	104757-53-1
Formula:	C27H29N3O6·HCl
M.Wt:	528.0
Synonyms:	YM 09730-5
Target:	Membrane Transporter/Ion Channel
Pathway:	Calcium Channel
Storage:	Store at 4°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥16.3 mg/mL in DMSO with gentle warming

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	1.8939 mL	9.4697 mL	18.9394 mL
		5 mM	0.3788 mL	1.8939 mL	3.7879 mL
		10 mM	0.1894 mL	0.9470 mL	1.8939 mL

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

Biological Activity

Shortsummary	calcium-channel blocker	
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. 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.

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