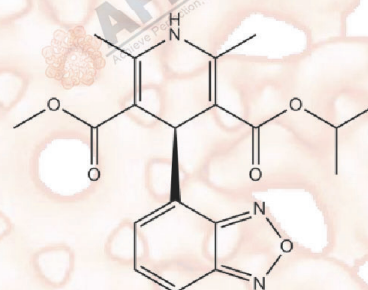


Product Data Sheet

Isradipine (Dynacirc)

Cat. No.:	A8453
CAS No.:	75695-93-1
Formula:	C ₁₉ H ₂₁ N ₃ O ₅
M.Wt:	371.39
Synonyms:	
Target:	Membrane Transporter/Ion Channel
Pathway:	Calcium Channel
Storage:	Store at -20°C



Solvent & Solubility

≥12.55 mg/mL in DMSO; ≥16.43 mg/mL in EtOH with ultrasonic; ≥2.71 mg/mL in H₂O with gentle warming and ultrasonic

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.6926 mL	13.4629 mL	26.9259 mL
		5 mM	0.5385 mL	2.6926 mL	5.3852 mL
		10 mM	0.2693 mL	1.3463 mL	2.6926 mL

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

Biological Activity

Shortsummary

Calcium channel blocker

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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