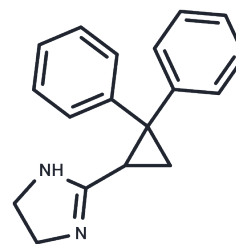


Cibenzoline

Chemical Properties

CAS No. :	53267-01-9
Formula:	C ₁₈ H ₁₈ N ₂
Molecular Weight:	262.35
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cibenzoline is an antiarrhythmic agent that inhibits the KATP channel by directly affecting the pore-forming Kir6.2 subunit rather than the SUR1 subunit. Cibenzoline shows little anticholinergic activity. Cibenzoline markedly reduces LVPG which has a close relationship with myocardial contractility decreasing. Cibenzoline has the potential for hypertrophic obstructive cardiomyopathy research[1][2].
Targets(IC50)	Others,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8117 mL	19.0585 mL	38.117 mL
5 mM	0.7623 mL	3.8117 mL	7.6234 mL
10 mM	0.3812 mL	1.9059 mL	3.8117 mL
50 mM	0.0762 mL	0.3812 mL	0.7623 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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