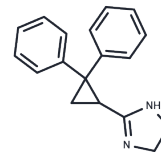
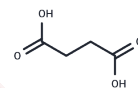


Cibenzoline succinate

Chemical Properties

CAS No. :	100678-32-8
Formula:	C22H24N2O4
Molecular Weight:	380.44
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	Cibenzolinesuccinate (Cifenline succinate) is the succinate salt form of Cibenzoline. It serves as an inhibitor of ATP-sensitive potassium channels (KATP), affecting the Kir6.2 subunit, with an IC50 of 22.2 μ M. This compound influences insulin secretion and exhibits both antiarrhythmic and antidiabetic properties.
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6285 mL	13.1427 mL	26.2854 mL
5 mM	0.5257 mL	2.6285 mL	5.2571 mL
10 mM	0.2629 mL	1.3143 mL	2.6285 mL
50 mM	0.0526 mL	0.2629 mL	0.5257 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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