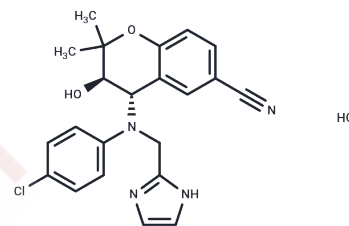


BMS-191095 hydrochloride

Chemical Properties

CAS No. :	166095-95-0
Formula:	C ₂₂ H ₂₂ Cl ₂ N ₄ O ₂
Molecular Weight:	445.342
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	BMS-191095 hydrochloride is a mitochondrial KATP channel opener. It offers cardioprotective benefits without causing vasodilation or impacting electrophysiology. Its protective mechanisms include prolonging myocardial contraction during ischemia, enhancing contractile function post-reperfusion, and reducing lactate dehydrogenase (LDH) release.
Targets(IC50)	Dehydrogenase,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2455 mL	11.2274 mL	22.4548 mL
5 mM	0.4491 mL	2.2455 mL	4.491 mL
10 mM	0.2245 mL	1.1227 mL	2.2455 mL
50 mM	0.0449 mL	0.2245 mL	0.4491 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481