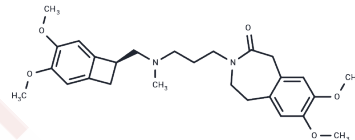


Ivabradine

Chemical Properties

CAS No. : 155974-00-8
 Formula: C₂₇H₃₆N₂O₅
 Molecular Weight: 468.59
 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	Ivabradine is a potent, orally active HCN (hyperpolarization-activated cyclic nucleotide-gated) channel blocker that inhibits pacemaker current (I _f). Ivabradine decreases heart rate in a dose-dependent manner and does not alter blood pressure. Ivabradine has anticonvulsant, anti-ischaemic and anti-anginal effects.
Targets(IC50)	Others,HCN Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1341 mL	10.6703 mL	21.3406 mL
5 mM	0.4268 mL	2.1341 mL	4.2681 mL
10 mM	0.2134 mL	1.067 mL	2.1341 mL
50 mM	0.0427 mL	0.2134 mL	0.4268 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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