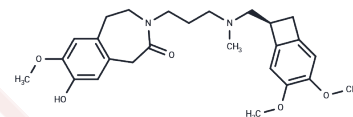


8-Demethyl Ivabradine

Chemical Properties

CAS No. :	304464-97-9
Formula:	C ₂₆ H ₃₄ N ₂ O ₅
Molecular Weight:	454.567
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	8-Demethyl Ivabradine, a metabolite of Ivabradine, is an orally bioavailable cyclic nucleotide-gated (HCN) channel blocker with hyperpolarization-activated properties[1].
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1999 mL	10.9994 mL	21.9988 mL
5 mM	0.440 mL	2.1999 mL	4.3998 mL
10 mM	0.220 mL	1.0999 mL	2.1999 mL
50 mM	0.044 mL	0.220 mL	0.440 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.

Reference

M Francois-Bouchard, et al. Simultaneous determination of ivabradine and its metabolites in human plasma by liquid chromatography--tandem mass spectrometry. J Chromatogr B Biomed Sci Appl. 2000 Aug 18;745(2):261-9.

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