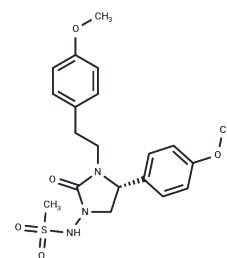


KVI-020

Chemical Properties

CAS No. : 1000306-34-2
 Formula: C₂₀H₂₅N₃O₅
 Molecular Weight: 419.49
 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	KVI-020 is a selective, orally active blocker of the atrial potassium channel Kv1.5 (IC ₅₀ : 480 nM). KVI-020 exhibits inhibition of hERG (IC ₅₀ : 15100 nM). KVI-020 is a potent antiarrhythmic agent and can be used in the study of atrial fibrillation (AF).
Targets(IC ₅₀)	Others,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3838 mL	11.9192 mL	23.8385 mL
5 mM	0.4768 mL	2.3838 mL	4.7677 mL
10 mM	0.2384 mL	1.1919 mL	2.3838 mL
50 mM	0.0477 mL	0.2384 mL	0.4768 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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