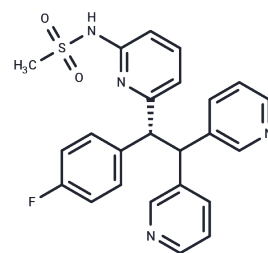


(R)-MK-0448

Chemical Properties

CAS No. : 875559-96-9
 Formula: C₂₄H₂₁FN₄O₂S
 Molecular Weight: 448.51
 Storage: Store at low temperature
 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	(R)-MK-0448 is an isomer of MK-0448. MK-0448 is a novel and selective blocker of the Kv1.5 (KCNA5) channel, a key channel involved in cardiac repolarization that is associated with atrial-specific ultra-rapid K ⁺ current I _{Kur} .
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2296 mL	11.148 mL	22.296 mL
5 mM	0.4459 mL	2.2296 mL	4.4592 mL
10 mM	0.223 mL	1.1148 mL	2.2296 mL
50 mM	0.0446 mL	0.223 mL	0.4459 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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