

MK-8153

Chemical Properties

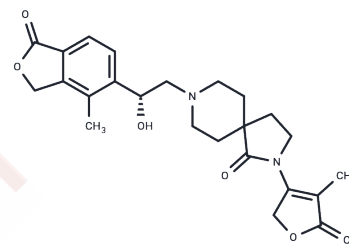
CAS No. : 1548286-45-8

Formula: C₂₄H₂₈N₂O₆

Molecular Weight: 440.49

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	MK-8153 is a selective, potent, orally active inhibitor of extrarenal medullary potassium channels (ROMK), acting on ROMK EP (IC ₅₀ : 5 μM) and hERG EP (IC ₅₀ : 34 μM).MK-8153 can be used as a diuretic.
Targets(IC ₅₀)	Others,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2702 mL	11.351 mL	22.702 mL
5 mM	0.454 mL	2.2702 mL	4.5404 mL
10 mM	0.227 mL	1.1351 mL	2.2702 mL
50 mM	0.0454 mL	0.227 mL	0.454 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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