

VU6036720 hydrochloride

Chemical Properties

CAS No. :

Formula: C₂₀H₂₃Cl₂FN₄O₂S

Molecular Weight: 473.39

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	VU6036720 hydrochloride is a potent, specific inhibitor of Kir4.1/5.1 channels, demonstrating an IC ₅₀ value of 0.24 μM in vitro. It is utilized in the research of brain and kidney functions.
Targets(IC ₅₀)	Others,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1124 mL	10.5621 mL	21.1242 mL
5 mM	0.4225 mL	2.1124 mL	4.2248 mL
10 mM	0.2112 mL	1.0562 mL	2.1124 mL
50 mM	0.0422 mL	0.2112 mL	0.4225 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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