

VU6080824 HCl

Chemical Properties

CAS No. :

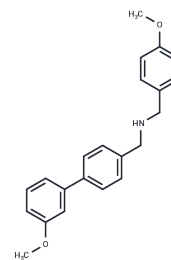
Formula: C₂₂H₂₃NO₂

Molecular Weight: 333.42

Store at low temperature

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	VU6080824 HCl is an inhibitor of the inward-rectifier potassium channel Kir2.1 (IC ₅₀ = 0.35 μM), exhibiting excellent target efficacy and pharmacokinetics.
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9992 mL	14.9961 mL	29.9922 mL
5 mM	0.5998 mL	2.9992 mL	5.9984 mL
10 mM	0.2999 mL	1.4996 mL	2.9992 mL
50 mM	0.060 mL	0.2999 mL	0.5998 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

Duncan RA, et al. Characterization of Next-Generation Inhibitors for the Inward-Rectifier Potassium Channel Kir2.1: Discovery of VU6080824. ACS Med Chem Lett. 2025 Aug 29;16(9):1762-1771.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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