

KR-39038

## Chemical Properties

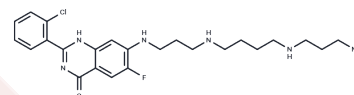
CAS No. : 2770300-35-9

Formula: C<sub>24</sub>H<sub>32</sub>ClFN<sub>6</sub>O

Molecular Weight: 475.00

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	KR-39038 is an orally active GRK5 (G protein-coupled receptor kinase 5) inhibitor (IC <sub>50</sub> : 0.02 μM) that inhibits the HDAC5 pathway in neonatal cardiomyocytes and significantly reduces angiotensin II-induced hypertrophy, leading to notable anti-myocardial hypertrophy effects and improved cardiac function. KR-39038 is applicable for heart failure research.
Targets(IC <sub>50</sub> )	Others,HDAC,GRK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1053 mL	10.5263 mL	21.0526 mL
5 mM	0.4211 mL	2.1053 mL	4.2105 mL
10 mM	0.2105 mL	1.0526 mL	2.1053 mL
50 mM	0.0421 mL	0.2105 mL	0.4211 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481