

CCG-271423

## Chemical Properties

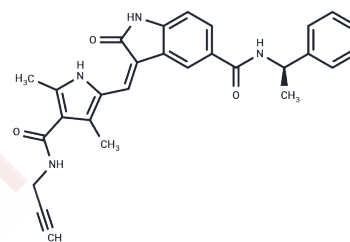
CAS No. : 2750413-88-6

Formula: C<sub>28</sub>H<sub>26</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight: 466.53

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	CCG-271423 is a potent and selective inhibitor of GRK5, demonstrating activity against GRK5 (IC <sub>50</sub> : 0.0021 μM) and GRK2 (IC <sub>50</sub> : 44 μM); it reduces Ca <sup>2+</sup> transients and inhibits cardiomyocyte contractility.
Targets(IC <sub>50</sub> )	Others,GRK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1435 mL	10.7174 mL	21.4348 mL
5 mM	0.4287 mL	2.1435 mL	4.287 mL
10 mM	0.2143 mL	1.0717 mL	2.1435 mL
50 mM	0.0429 mL	0.2143 mL	0.4287 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

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