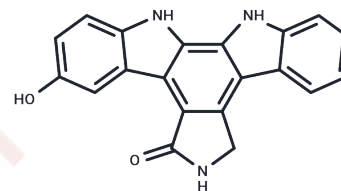


THK01

## Chemical Properties

CAS No. : 2226941-26-8  
 Formula: C<sub>20</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 327.34  
 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	THK01, a potent ROCK2 inhibitor, exhibits IC <sub>50</sub> values of 5.7 nM for ROCK2 and 923 nM for ROCK1, respectively. It effectively targets the ROCK2-STAT3 signaling pathway to inhibit breast cancer metastasis, making it valuable for breast cancer research [1].
Targets(IC <sub>50</sub> )	Others,ROCK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0549 mL	15.2746 mL	30.5493 mL
5 mM	0.611 mL	3.0549 mL	6.1099 mL
10 mM	0.3055 mL	1.5275 mL	3.0549 mL
50 mM	0.0611 mL	0.3055 mL	0.611 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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