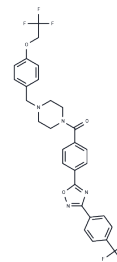


HP590

## Chemical Properties

CAS No. : 2971855-37-3  
Formula: C<sub>29</sub>H<sub>24</sub>F<sub>6</sub>N<sub>4</sub>O<sub>3</sub>  
Molecular Weight: 590.52  
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	HP590 is a novel, potent, orally active STAT3 inhibitor (STAT3 luciferase activity: IC <sub>50</sub> =27.8 nM; ATP inhibition: IC <sub>50</sub> =24.7 nM). HP590 has an anti-proliferative effect on gastric cancer cells and induces apoptosis.
Targets(IC <sub>50</sub> )	Apoptosis,Others,STAT

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6934 mL	8.4671 mL	16.9342 mL
5 mM	0.3387 mL	1.6934 mL	3.3868 mL
10 mM	0.1693 mL	0.8467 mL	1.6934 mL
50 mM	0.0339 mL	0.1693 mL	0.3387 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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