

MY-1576

## Chemical Properties

CAS No. : 3097026-24-6  
Formula: C<sub>25</sub>H<sub>29</sub>ClN<sub>8</sub>O<sub>2</sub>  
Molecular Weight: 509.01  
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	MY-1576 is a FAK inhibitor with an IC <sub>50</sub> of 8 nM. It activates the Hippo pathway, thereby inhibiting YAP/TAZ regulation. Additionally, MY-1576 effectively suppresses tumor growth in the KYSE30 xenograft mouse model, demonstrates good safety, and efficiently downregulates FAK autophosphorylation and YAP/TAZ levels in vivo.
Targets(IC <sub>50</sub> )	FAK,Hippo pathway,YAP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9646 mL	9.823 mL	19.646 mL
5 mM	0.3929 mL	1.9646 mL	3.9292 mL
10 mM	0.1965 mL	0.9823 mL	1.9646 mL
50 mM	0.0393 mL	0.1965 mL	0.3929 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**

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