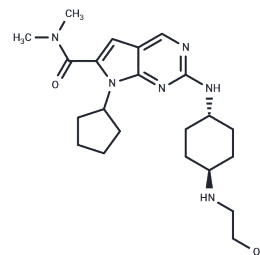


CDK4/9-IN-1

## Chemical Properties

CAS No. : 2577288-83-4  
 Formula: C<sub>22</sub>H<sub>34</sub>N<sub>6</sub>O<sub>2</sub>  
 Molecular Weight: 414.544  
 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	CDK4/9-IN-1 (Compound 29) is a selective dual inhibitor of CDK4 and CDK9, exhibiting IC <sub>50</sub> values of 23 nM and 12 nM, respectively. It holds potential for use in cancer research.
Targets(IC <sub>50</sub> )	CDK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4123 mL	12.0616 mL	24.1231 mL
5 mM	0.4825 mL	2.4123 mL	4.8246 mL
10 mM	0.2412 mL	1.2062 mL	2.4123 mL
50 mM	0.0482 mL	0.2412 mL	0.4825 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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