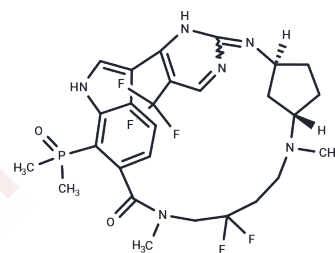


CDK7-IN-31

## Chemical Properties

CAS No. : 2943043-62-5  
 Formula: C<sub>27</sub>H<sub>32</sub>F<sub>5</sub>N<sub>6</sub>O<sub>2</sub>P  
 Molecular Weight: 598.55  
 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	CDK7-IN-31 (compound 13) is an effective and orally active inhibitor of cyclin-dependent kinase 7 (CDK7) with a dissociation constant (K <sub>d</sub> ) of 0.18 nM. This compound exhibits anticancer activity.
Targets(IC <sub>50</sub> )	CDK,Potassium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6707 mL	8.3535 mL	16.707 mL
5 mM	0.3341 mL	1.6707 mL	3.3414 mL
10 mM	0.1671 mL	0.8354 mL	1.6707 mL
50 mM	0.0334 mL	0.1671 mL	0.3341 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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