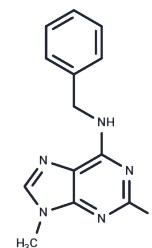


CDK2-IN-13

## Chemical Properties

CAS No. : 101622-53-1  
 Formula: C<sub>13</sub>H<sub>12</sub>ClN<sub>5</sub>  
 Molecular Weight: 273.72  
 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	CDK2-IN-13 is a potent Cyclin-dependent kinase 2 (CDK2) inhibitor (IC <sub>50</sub> value: 12 μM). CDK2-IN-13 is involved in cell cycle regulation and can arrest the cell cycle. CDK2-IN-13 prevents cell division and proliferation, induces apoptosis, and can be used in cancer research.
Targets(IC <sub>50</sub> )	Others,CDK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6534 mL	18.2668 mL	36.5337 mL
5 mM	0.7307 mL	3.6534 mL	7.3067 mL
10 mM	0.3653 mL	1.8267 mL	3.6534 mL
50 mM	0.0731 mL	0.3653 mL	0.7307 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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