

PLK1-IN-5

## Chemical Properties

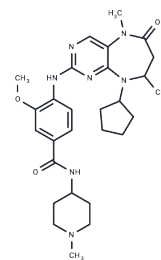
CAS No. : 1001343-34-5

Formula: C<sub>28</sub>H<sub>39</sub>N<sub>7</sub>O<sub>3</sub>

Molecular Weight: 521.65

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	PLK1-IN-5, a potent PLK1 inhibitor, has an IC <sub>50</sub> of less than 500 nM and demonstrates anticancer effects (WO2008113711A1; compound I-4) [1].
Targets(IC <sub>50</sub> )	PLK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.917 mL	9.585 mL	19.1699 mL
5 mM	0.3834 mL	1.917 mL	3.834 mL
10 mM	0.1917 mL	0.9585 mL	1.917 mL
50 mM	0.0383 mL	0.1917 mL	0.3834 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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