

## CDK9-IN-19

## Chemical Properties

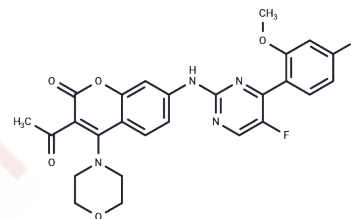
CAS No. : 2479306-60-8

Formula: C<sub>26</sub>H<sub>22</sub>F<sub>2</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight: 508.47

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	CDK9-IN-19 is a selective and potent CDK9 inhibitor (IC <sub>50</sub> : 2.0 nM). CDK9-IN-19 exhibits good anti-proliferative activity in cancer cells, moderate pharmacokinetic properties and low hERG inhibition. CDK9-IN-19 significantly inhibited tumor growth in the MV4-11 xenograft mouse model. CDK9-IN-19 can be used in studies of acute myeloid leukemia (AML).
Targets(IC <sub>50</sub> )	Others,CDK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9667 mL	9.8334 mL	19.6668 mL
5 mM	0.3933 mL	1.9667 mL	3.9334 mL
10 mM	0.1967 mL	0.9833 mL	1.9667 mL
50 mM	0.0393 mL	0.1967 mL	0.3933 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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