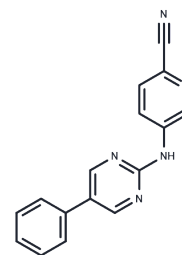


MCL1020

## Chemical Properties

CAS No. : 2309309-69-9  
 Formula: C<sub>16</sub>H<sub>11</sub>N<sub>5</sub>  
 Molecular Weight: 273.29  
 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	MCL1020 is a CHK1 inhibitor with an IC <sub>50</sub> of 1.61 μM. It interacts with multiple sites on the CHK1 kinase, effectively occupying the ATP-binding pocket. MCL1020 is useful for research in hematologic malignancies.
Targets(IC <sub>50</sub> )	Chk

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6591 mL	18.2956 mL	36.5912 mL
5 mM	0.7318 mL	3.6591 mL	7.3182 mL
10 mM	0.3659 mL	1.8296 mL	3.6591 mL
50 mM	0.0732 mL	0.3659 mL	0.7318 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481