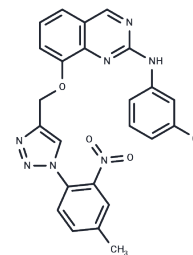


DB18

## Chemical Properties

CAS No. : 2587177-94-2  
 Formula: C<sub>24</sub>H<sub>18</sub>ClN<sub>7</sub>O<sub>3</sub>  
 Molecular Weight: 487.9  
 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	DB18 serves as a potent, selective inhibitor of CDC2-like kinases (CLKs), exhibiting IC <sub>50</sub> values between 10-30 nM for CLK1, CLK2, and CLK4. Additionally, it possesses anti-tumor activity [1].
Targets(IC <sub>50</sub> )	CDK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0496 mL	10.248 mL	20.496 mL
5 mM	0.4099 mL	2.0496 mL	4.0992 mL
10 mM	0.205 mL	1.0248 mL	2.0496 mL
50 mM	0.041 mL	0.205 mL	0.4099 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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