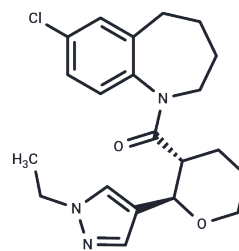


## PLK1/p38γ-IN-1

## Chemical Properties

CAS No. :	2418614-81-8
Formula:	C <sub>21</sub> H <sub>26</sub> ClN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	387.9
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	PLK1/p38γ-IN-1 (compound 14) serves as a dual inhibitor targeting both PLK1 and p38γ kinases, effectively suppressing the proliferation of human hepatocellular carcinoma and hepatoblastoma cell lines in vitro [1].
Targets(IC50)	p38 MAPK,PLK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.578 mL	12.8899 mL	25.7798 mL
5 mM	0.5156 mL	2.578 mL	5.156 mL
10 mM	0.2578 mL	1.289 mL	2.578 mL
50 mM	0.0516 mL	0.2578 mL	0.5156 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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