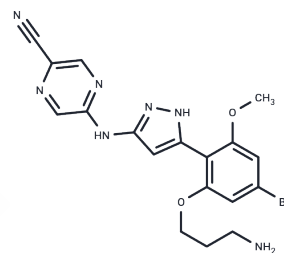


## CHK1-IN-4

## Chemical Properties

CAS No. :	2120398-41-4
Formula:	C18H18BrN7O2
Molecular Weight:	444.29
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	CHK1-IN-4 is a potent inhibitor of checkpoint kinase 1 (chk1) and potently inhibits chk1 phosphorylation in the tumor cells with anti-tumor activity.
Targets(IC50)	Chk
In vivo	CHK1-IN-4 (Compound 3; 40 mg/kg, i.v., twice a week) alone enhances the anti-tumor growth activity of CPT1 in the tumor model.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2508 mL	11.2539 mL	22.5078 mL
5 mM	0.4502 mL	2.2508 mL	4.5016 mL
10 mM	0.2251 mL	1.1254 mL	2.2508 mL
50 mM	0.045 mL	0.2251 mL	0.4502 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.

## Reference

Xiong Cai, et al. 3,5-disubstituted pyrazoles useful as checkpoint kinase 1 (chk1) inhibitors, and their preparations and applications. WO2017132928A1.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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