

## CPI-455 HCl

## Chemical Properties

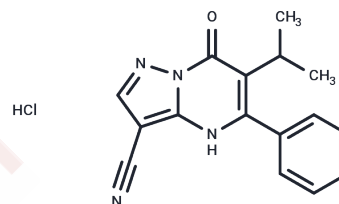
CAS No. : 2095432-28-1

Formula: C<sub>16</sub>H<sub>15</sub>ClN<sub>4</sub>O

Molecular Weight: 314.77

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	CPI-455 is a specific KDM5 inhibitor with IC <sub>50</sub> value of 10 ± 1 nM for full-length KDM5A in enzymatic assays, elevating global levels of H3K4 trimethylation (H3K4me <sub>3</sub> ) and decreased the number of DTPs in multiple cancer cell line models treated with targeted agents or standard chemotherapy.
Targets(IC <sub>50</sub> )	Histone Demethylase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1769 mL	15.8846 mL	31.7692 mL
5 mM	0.6354 mL	3.1769 mL	6.3538 mL
10 mM	0.3177 mL	1.5885 mL	3.1769 mL
50 mM	0.0635 mL	0.3177 mL	0.6354 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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