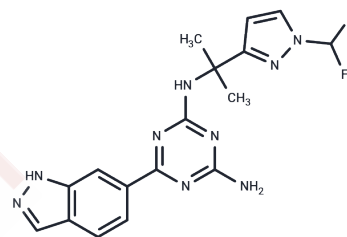


## MASTL-IN-3

## Chemical Properties

CAS No. :	2883041-26-5
Formula:	C17H17F2N9
Molecular Weight:	385.37
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	MASTL-IN-3 (compound 60) is an effective MASTL inhibitor (pIC50 = 9.10 M) exhibiting antiproliferative activity.
Targets(IC50)	Serine/threonin kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5949 mL	12.9745 mL	25.9491 mL
5 mM	0.519 mL	2.5949 mL	5.1898 mL
10 mM	0.2595 mL	1.2975 mL	2.5949 mL
50 mM	0.0519 mL	0.2595 mL	0.519 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

Ki Seon Baek, et al. Preparation of substituted 1,2-diaminoheterocyclic compound derivatives and their use as pharmaceutical agents. WO2022260441A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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