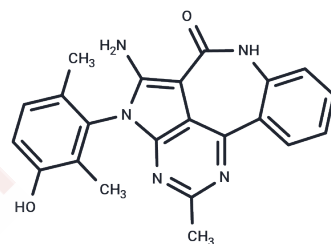


## PKMYT1-IN-2

## Chemical Properties

CAS No. :	3033609-84-3
Formula:	C <sub>22</sub> H <sub>19</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	385.42
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	PKMYT1-IN-2 (compound 2) serves as a powerful inhibitor of PKMYT1, exhibiting an IC <sub>50</sub> of 5.7 nM. Additionally, it effectively suppresses the proliferation of HCC1569 cells with an IC <sub>50</sub> of 22 nM [1].
Targets(IC <sub>50</sub> )	Wee1

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5946 mL	12.9729 mL	25.9457 mL
5 mM	0.5189 mL	2.5946 mL	5.1891 mL
10 mM	0.2595 mL	1.2973 mL	2.5946 mL
50 mM	0.0519 mL	0.2595 mL	0.5189 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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