

WEE1-IN-12

## Chemical Properties

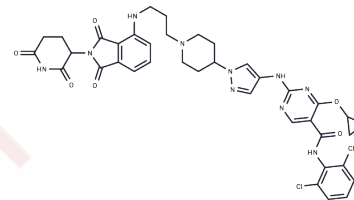
CAS No. : 3069940-37-7

Formula: C<sub>38</sub>H<sub>38</sub>Cl<sub>2</sub>N<sub>10</sub>O<sub>6</sub>

Molecular Weight: 801.68

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	WEE1-IN-12 (Compound 87) is a Wee1 kinase inhibitor with an IC <sub>50</sub> of 2.0 nM. It inhibits the proliferation of HT29 cells (IC <sub>50</sub> : 1.07 μM) and shows enhanced efficacy when combined with Gemcitabine (IC <sub>50</sub> : 0.34 μM). WEE1-IN-12 is applicable in the study of tumors such as colon cancer.
Targets(IC <sub>50</sub> )	Wee1

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2474 mL	6.2369 mL	12.4738 mL
5 mM	0.2495 mL	1.2474 mL	2.4948 mL
10 mM	0.1247 mL	0.6237 mL	1.2474 mL
50 mM	0.0249 mL	0.1247 mL	0.2495 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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