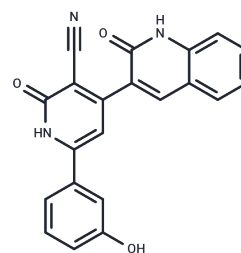


## Pim-1 kinase inhibitor 10

## Chemical Properties

CAS No. :	2918764-57-3
Formula:	C <sub>21</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	355.35
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	Pim-1 Kinase Inhibitor 10 (compound 13a) acts as both a competitive and non-competitive inhibitor of PIM-1/2 kinase, promoting cell apoptosis and displaying anticancer properties. Additionally, this compound triggers the activation of caspase 3/7 [1].
Targets(IC50)	Apoptosis,Caspase,Pim

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8141 mL	14.0706 mL	28.1413 mL
5 mM	0.5628 mL	2.8141 mL	5.6283 mL
10 mM	0.2814 mL	1.4071 mL	2.8141 mL
50 mM	0.0563 mL	0.2814 mL	0.5628 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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