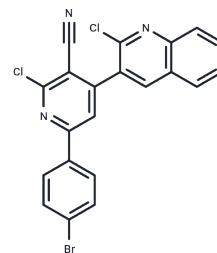


## Pim-1 kinase inhibitor 6

## Chemical Properties

CAS No. :	2928606-69-1
Formula:	C <sub>21</sub> H <sub>10</sub> BrCl <sub>2</sub> N <sub>3</sub>
Molecular Weight:	455.13
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 6 (Compound 4d) is a robust inhibitor of Pim-1 kinase, demonstrating an IC <sub>50</sub> of 0.46 μM. It significantly exhibits cytotoxic effects on cancer cells [1].
Targets(IC <sub>50</sub> )	Pim

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1972 mL	10.9859 mL	21.9717 mL
5 mM	0.4394 mL	2.1972 mL	4.3943 mL
10 mM	0.2197 mL	1.0986 mL	2.1972 mL
50 mM	0.0439 mL	0.2197 mL	0.4394 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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