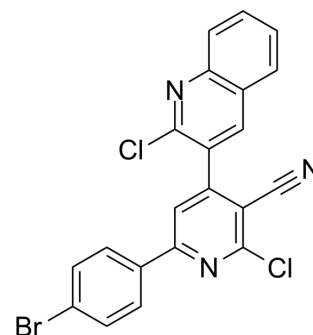


## Pim-1 kinase inhibitor 6

Cat. No.:	HY-149996
CAS No.:	2928606-69-1
Molecular Formula:	C <sub>21</sub> H <sub>10</sub> BrCl <sub>2</sub> N <sub>3</sub>
Molecular Weight:	455.13
Target:	Pim
Pathway:	JAK/STAT Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Pim-1 kinase inhibitor 6 (Compound 4d) is a potent Pim-1 kinase inhibitor with IC<sub>50</sub> value of 0.46 μM, and has significant cytotoxic effect on cancer cells<sup>[1]</sup>.

### REFERENCES

[1]. Basem Mansour, et al. Cyanopyridinone- and Cyanopyridine-Based Cancer Cell Pim-1 Inhibitors: Design, Synthesis, Radiolabeling, Biodistribution, and Molecular Modeling Simulation. ACS Omega. 2023 May 24;8(22):19351-19366.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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