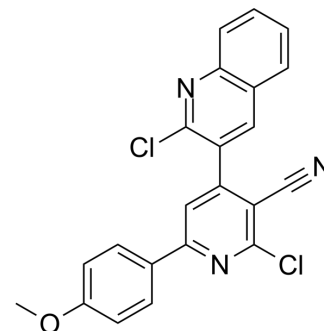


## Pim-1 kinase inhibitor 5

Cat. No.:	HY-149995
CAS No.:	2928606-67-9
Molecular Formula:	C <sub>22</sub> H <sub>13</sub> Cl <sub>2</sub> N <sub>3</sub> O
Molecular Weight:	406.26
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 5 (Compound 4c) is a Pim-1 kinase inhibitor (IC<sub>50</sub>: 0.61 μM). Pim-1 kinase inhibitor 5 shows cytotoxicity against cancer cells, with IC<sub>50</sub>s of 6.95-20.19 μM for HepG2, MCF-7, PC3, and HCT-116 cells<sup>[1]</sup>.

### REFERENCES

[1]. Mansour B, 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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