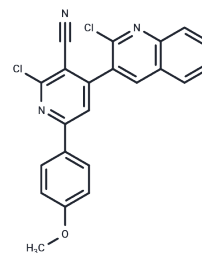


Pim-1 kinase inhibitor 5

Chemical Properties

CAS No. :	2928606-67-9
Formula:	C ₂₂ H ₁₃ Cl ₂ N ₃ O
Molecular Weight:	406.26
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 5 (Compound 4c) has an IC ₅₀ of 0.61 μM and exhibits cytotoxicity against cancer cell lines HepG2, MCF-7, PC3, and HCT-116, with IC ₅₀ values ranging from 6.95 to 20.19 μM [1].
Targets(IC ₅₀)	Pim

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4615 mL	12.3074 mL	24.6148 mL
5 mM	0.4923 mL	2.4615 mL	4.923 mL
10 mM	0.2461 mL	1.2307 mL	2.4615 mL
50 mM	0.0492 mL	0.2461 mL	0.4923 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481