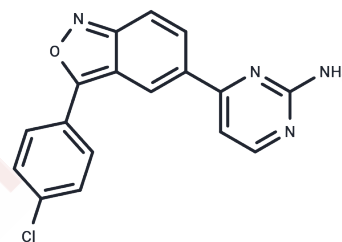


PIM-1 Inhibitor 2

Chemical Properties

CAS No. :	477845-12-8
Formula:	C ₁₇ H ₁₁ ClN ₄ O
Molecular Weight:	322.75
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 Inhibitor 2 (PIM1-IN-2) is a potent Pim-1 inhibitor with potential anti-cancer activity, used in cancer research.
Targets(IC50)	Pim

Solubility Information

Solubility	DMSO: 16 mg/mL (49.57 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0984 mL	15.4919 mL	30.9837 mL
5 mM	0.6197 mL	3.0984 mL	6.1967 mL
10 mM	0.3098 mL	1.5492 mL	3.0984 mL
50 mM	0.062 mL	0.3098 mL	0.6197 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.

Reference

Pierce AC, et al. Docking study yields four novel inhibitors of the protooncogene Pim-1 kinase. J Med Chem. 2008 Mar 27;51(6):1972-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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