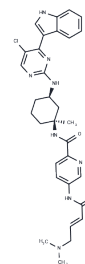


Mevociclib

Chemical Properties

CAS No. :	1816989-16-8
Formula:	C ₃₁ H ₃₅ ClN ₈ O ₂
Molecular Weight:	587.11
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Mevociclib (SY-1365) is a highly selective covalent inhibitor of CDK7, possessing therapeutic potential in both hematological and solid tumors.
Targets(IC50)	CDK

Solubility Information

Solubility	DMSO: 125 mg/mL (212.91 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (6.81 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7033 mL	8.5163 mL	17.0326 mL
5 mM	0.3407 mL	1.7033 mL	3.4065 mL
10 mM	0.1703 mL	0.8516 mL	1.7033 mL
50 mM	0.0341 mL	0.1703 mL	0.3407 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

Hu S, et al. Discovery and characterization of SY-1365, a selective, covalent inhibitor of CDK7. Cancer Res. 2019 May 7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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