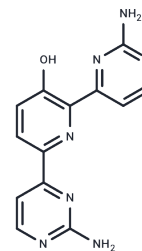


Avotaciclib

Chemical Properties

CAS No. :	1983983-41-0
Formula:	C ₁₃ H ₁₁ N ₇ O
Molecular Weight:	281.27
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	Avotaciclib (BEY1107) is a potent, orally active cyclin-dependent kinase 1 (CDK1) inhibitor, suitable for research in locally advanced or metastatic pancreatic cancer.
Targets(IC50)	Apoptosis,CDK

Solubility Information

Solubility	DMSO: 50 mg/mL (177.77 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	3.5553 mL	17.7765 mL	35.553 mL
5 mM	0.7111 mL	3.5553 mL	7.1106 mL
10 mM	0.3555 mL	1.7777 mL	3.5553 mL
50 mM	0.0711 mL	0.3555 mL	0.7111 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

Seufferlein T, et al. Phase I Trials in Pancreatic Cancer. Translational Pancreatic Cancer Research pp 219-232.

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