

Cyclin K degrader 1

Chemical Properties

CAS No. :

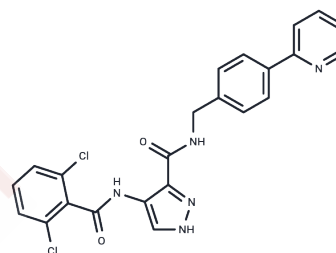
Formula: C₂₃H₁₇Cl₂N₅O₂

Molecular Weight: 466.32

Store at low temperature

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	Cyclin K degrader 1 is a Cyclin K degrader. Cyclin K degrader 1 is a degrader converted from AT-7519. Cyclin K degrader 1 has weak degrading activity against Cyclin K but does not result in a sustained decrease in degradation affinity. Cyclin K degrader 1 is a degrader converted from AT-7519.
Targets(IC50)	Others, CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1445 mL	10.7223 mL	21.4445 mL
5 mM	0.4289 mL	2.1445 mL	4.2889 mL
10 mM	0.2144 mL	1.0722 mL	2.1445 mL
50 mM	0.0429 mL	0.2144 mL	0.4289 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

Thomas KL, et al., Degradation by Design: New Cyclin K Degraders from Old CDK Inhibitors. ACS Chem Biol. 2024 Jan 19;19(1):173-184. doi: 10.1021/acscchembio.3c00616

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