

DDO-6079

Chemical Properties

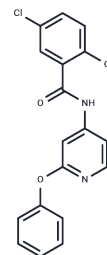
CAS No. : 2648334-53-4

Formula: C₁₈H₁₃ClN₂O₃

Molecular Weight: 340.76

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	DDO-6079 is an efficient CDC37 inhibitor. It suppresses the HSP90-CDC37 and CDC37-CDK4/6 chaperone complexes by binding to an allosteric site on CDC37. Additionally, DDO-6079 reduces the thermal stability of CDK6.
Targets(IC50)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9346 mL	14.6731 mL	29.3462 mL
5 mM	0.5869 mL	2.9346 mL	5.8692 mL
10 mM	0.2935 mL	1.4673 mL	2.9346 mL
50 mM	0.0587 mL	0.2935 mL	0.5869 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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