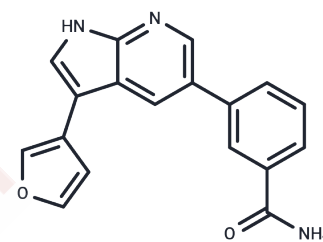


CDK8-IN-14

Chemical Properties

CAS No. : 2924193-12-2
 Formula: C₁₈H₁₃N₃O₂
 Molecular Weight: 303.31
 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	CDK8-IN-14 (compound 12) effectively inhibits CDK8, demonstrating an IC ₅₀ of 39.2 nM, and exhibits potent anti-AML cell proliferation effects, with a GC ₅₀ value of 0.02±0.01 μM in MOLM-13 cells and 0.03±0.01 μM in MV4-11 cells [1].
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.297 mL	16.4848 mL	32.9696 mL
5 mM	0.6594 mL	3.297 mL	6.5939 mL
10 mM	0.3297 mL	1.6485 mL	3.297 mL
50 mM	0.0659 mL	0.3297 mL	0.6594 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481