

CDK12/13-IN-2

Chemical Properties

CAS No. :

Formula: C₂₄H₂₂FN₇O₂

Molecular Weight: 459.48

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	CDK12/13-IN-2 (Compound 24) is a covalent inhibitor of CDK12 and CDK13, exhibiting IC ₅₀ values of 15.5 nM and 12.2 nM, respectively. It effectively inhibits the proliferation of breast cancer cells and can be utilized in the research of triple-negative breast cancer.
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1764 mL	10.8819 mL	21.7637 mL
5 mM	0.4353 mL	2.1764 mL	4.3527 mL
10 mM	0.2176 mL	1.0882 mL	2.1764 mL
50 mM	0.0435 mL	0.2176 mL	0.4353 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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