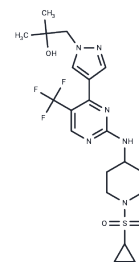


CDK2-IN-23

Chemical Properties

CAS No. : 2488073-20-5
 Formula: C₂₀H₂₇F₃N₆O₃S
 Molecular Weight: 488.53
 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	CDK2-IN-23 (Compound 17), a selective and highly potent inhibitor of CDK2 (IC ₅₀ = 0.29 nM), demonstrates pharmacodynamic inhibition of CDK2 in CCNE1-amplified mouse models. This compound is utilized in cancer research [1].
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.047 mL	10.2348 mL	20.4696 mL
5 mM	0.4094 mL	2.047 mL	4.0939 mL
10 mM	0.2047 mL	1.0235 mL	2.047 mL
50 mM	0.0409 mL	0.2047 mL	0.4094 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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