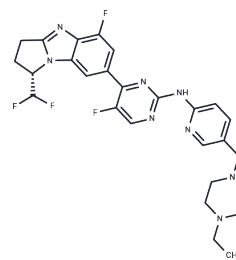


CDK4/6-IN-17

Chemical Properties

CAS No. : 2035069-96-4
 Formula: C₂₇H₂₈F₄N₈
 Molecular Weight: 540.56
 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	CDK4/6-IN-17 (compound 12) is an orally bioavailable inhibitor of CDK4/6, exhibiting potent activity with IC ₅₀ values between 10-100 nM in BE(2) cells, and has demonstrated efficacy in inhibiting tumor growth in the COLO205 xenograft model [1].
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8499 mL	9.2497 mL	18.4993 mL
5 mM	0.370 mL	1.8499 mL	3.6999 mL
10 mM	0.185 mL	0.925 mL	1.8499 mL
50 mM	0.037 mL	0.185 mL	0.370 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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