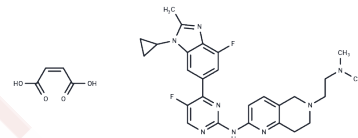


CDK4/6-IN-21 maleate

Chemical Properties

CAS No. :	2765997-88-2
Formula:	C ₃₁ H ₃₄ F ₂ N ₈ O ₄
Molecular Weight:	620.65
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-21 maleate (compound I-52) is a potent inhibitor of CDK4 and CDK6, with IC ₅₀ values of 3.88 nM and 3.31 nM, respectively. This compound exhibits antitumor activity.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6112 mL	8.0561 mL	16.1121 mL
5 mM	0.3222 mL	1.6112 mL	3.2224 mL
10 mM	0.1611 mL	0.8056 mL	1.6112 mL
50 mM	0.0322 mL	0.1611 mL	0.3222 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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