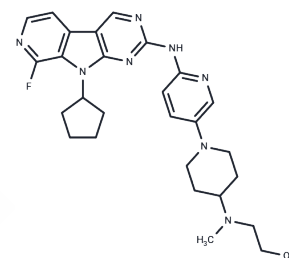


AM5992

Chemical Properties

CAS No. : 1169694-98-7
 Formula: C₂₇H₃₃N₈O
 Molecular Weight: 504.6
 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	AM5992 (example 195) is a potent CDK4 and CDK6 inhibitor (CDK4, IC ₅₀ = 0.013 μM). AM5992 can be used for the research of CDK4-mediated disorders.
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9818 mL	9.9088 mL	19.8177 mL
5 mM	0.3964 mL	1.9818 mL	3.9635 mL
10 mM	0.1982 mL	0.9909 mL	1.9818 mL
50 mM	0.0396 mL	0.1982 mL	0.3964 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.

Reference

Richard V. Connors, et al. Fused pyridine, pyrimidine and triazine compounds as cell cycle inhibitors. WO2009085185A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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