

Anticancer agent 29

Chemical Properties

CAS No. :

Formula: C₂₂H₁₅ClFNO

Molecular Weight: 363.81

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	Anticancer agent 29 (Compd E/Z-6f) exhibits potent anticancer activity with IC ₅₀ values of 0.054 μM, 0.127 μM, 0.129 μM, and 0.396 μM for CDK2, CDK1, CDK4, and CDK6, respectively [1].
Targets(IC ₅₀)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7487 mL	13.7434 mL	27.4869 mL
5 mM	0.5497 mL	2.7487 mL	5.4974 mL
10 mM	0.2749 mL	1.3743 mL	2.7487 mL
50 mM	0.055 mL	0.2749 mL	0.5497 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.

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