

FGFR4-IN-14

Chemical Properties

CAS No. :

Formula: C27H25Cl2N5O2

Molecular Weight: 522.43

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	FGFR4-IN-14 (Compound 27i) is a selective FGFR4 inhibitor with an IC50 of 2.4 nM, effectively inhibiting cell proliferation in V550L and N535K mutant strains. It shows IC50 values of 21 nM against Huh7 cells, 2.5 nM against BaF3/ETV6-FGFR4-V550L cells, and 171 nM against BaF3/ETV6-FGFR4-N535K cells. FGFR4-IN-14 demonstrates significant antitumor efficacy in the Huh7 xenograft model and is utilized in hepatocellular carcinoma (HCC) research [1].
Targets(IC50)	FGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9141 mL	9.5707 mL	19.1413 mL
5 mM	0.3828 mL	1.9141 mL	3.8283 mL
10 mM	0.1914 mL	0.9571 mL	1.9141 mL
50 mM	0.0383 mL	0.1914 mL	0.3828 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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