

FGFR1 inhibitor-9

Chemical Properties

CAS No. :

Formula: C₂₇H₂₀ClNO₅

Molecular Weight: 473.9

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	FGFR1 inhibitor-9 (Compound 7) is a potent FGFR1 inhibitor with an IC ₅₀ of 0.85 nM, targeting the ATP-binding pocket of FGFR1 and demonstrating anticancer activity [1].
Targets(IC ₅₀)	FGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1101 mL	10.5507 mL	21.1015 mL
5 mM	0.422 mL	2.1101 mL	4.2203 mL
10 mM	0.211 mL	1.0551 mL	2.1101 mL
50 mM	0.0422 mL	0.211 mL	0.422 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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