

FGFR1 inhibitor-8

Chemical Properties

CAS No. :

Formula: C₂₆H₁₈ClNO₅

Molecular Weight: 459.88

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-8 (Compound 9), an FGFR1 inhibitor with an IC ₅₀ of 0.5 nM, binds to the ATP-binding pocket of FGFR1 and exhibits anticancer activity [1].
Targets(IC ₅₀)	FGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1745 mL	10.8724 mL	21.7448 mL
5 mM	0.4349 mL	2.1745 mL	4.349 mL
10 mM	0.2174 mL	1.0872 mL	2.1745 mL
50 mM	0.0435 mL	0.2174 mL	0.4349 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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