

FGFR1 inhibitor 7

Chemical Properties

CAS No. :

Formula: C₂₅H₁₆ClNO₄

Molecular Weight: 429.85

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 7 (compound 5), a potent FGFR1 tyrosine kinase inhibitor, exhibits an IC ₅₀ of 0.33 nM against its target and demonstrates broad-spectrum cytotoxicity against human cancer cell lines. Additionally, it inhibits MOLT3 cells with an IC ₅₀ of 2.1 μM [1].
Targets(IC ₅₀)	FGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3264 mL	11.632 mL	23.2639 mL
5 mM	0.4653 mL	2.3264 mL	4.6528 mL
10 mM	0.2326 mL	1.1632 mL	2.3264 mL
50 mM	0.0465 mL	0.2326 mL	0.4653 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481