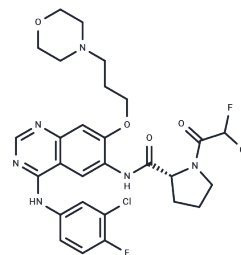


NS-062

Chemical Properties

CAS No. : 2226257-92-5
 Formula: C₂₈H₃₀Cl₂F₂N₆O₄
 Molecular Weight: 623.48
 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	NS-062 is an orally effective, irreversible covalent inhibitor targeting EGFR, demonstrating antiproliferative activity in the resistant double mutant H1975 cells with an IC ₅₀ of 0.19 μM. It also exhibits antitumor activity in a murine H1975 xenograft model.
Targets(IC ₅₀)	EGFR, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6039 mL	8.0195 mL	16.039 mL
5 mM	0.3208 mL	1.6039 mL	3.2078 mL
10 mM	0.1604 mL	0.802 mL	1.6039 mL
50 mM	0.0321 mL	0.1604 mL	0.3208 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

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