

JBJ-07-149

Chemical Properties

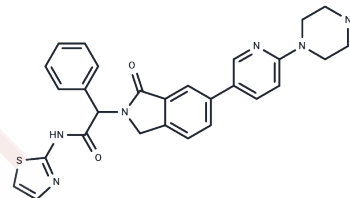
CAS No. : 2140807-58-3

Formula: C₂₈H₂₆N₆O₂S

Molecular Weight: 510.61

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	JBJ-07-149 is an inhibitor of EGFR L858R/T790M with an IC ₅₀ of 1.1 nM. It suppresses the proliferation of Ba/F3 cells with IC ₅₀ values of 4.9 μM when used alone, and 0.148 μM when combined with Cetuximab. Additionally, JBJ-07-149 can serve as a target protein ligand for synthesizing [DDC-01-163].
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9584 mL	9.7922 mL	19.5844 mL
5 mM	0.3917 mL	1.9584 mL	3.9169 mL
10 mM	0.1958 mL	0.9792 mL	1.9584 mL
50 mM	0.0392 mL	0.1958 mL	0.3917 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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