

JBJ-09-063 TFA

Chemical Properties

CAS No. :

Formula: C33H30F4N4O5S

Molecular Weight: 670.67

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-09-063 TFA is a mutant-selective allosteric EGFR inhibitor with IC50 values of 0.147 nM for EGFR L858R, 0.063 nM for EGFR L858R/T790M, 0.083 nM for EGFR L858R/T790M/C797S, and 0.396 nM for EGFR L747S mutations. It effectively reduces phosphorylation of EGFR, Akt, and ERK1/2, demonstrating efficacy in models both sensitive and resistant to EGFR tyrosine kinase inhibitors (TKI). JBJ-09-063 TFA holds potential for research in EGFR-mutant lung cancer [1].
Targets(IC50)	EGFR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.491 mL	7.4552 mL	14.9105 mL
5 mM	0.2982 mL	1.491 mL	2.9821 mL
10 mM	0.1491 mL	0.7455 mL	1.491 mL
50 mM	0.0298 mL	0.1491 mL	0.2982 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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