

Gefitinib N-oxide hydrochloride

Chemical Properties

CAS No. :

Formula: C₂₂H₂₄ClFN₄O₄·1.5HCl

Molecular Weight: 517.59

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	Gefitinib N-oxide hydrochloride, an N-oxide derivative of Gefitinib, acts as an EGFR tyrosine kinase inhibitor. Demonstrating an IC ₅₀ range of 2-37 nM in NR6wtEGFR cells, it emphasizes its efficacy in inhibiting the enzymatic activity of EGFR [1] [2].
Targets(IC ₅₀)	EGFR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.932 mL	9.6602 mL	19.3203 mL
5 mM	0.3864 mL	1.932 mL	3.8641 mL
10 mM	0.1932 mL	0.966 mL	1.932 mL
50 mM	0.0386 mL	0.1932 mL	0.3864 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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