

EGFR-IN-43

Chemical Properties

CAS No. :

Formula: C50H55ClFN5O5

Molecular Weight: 860.45

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	EGFR-IN-43 (Compound 17c) is a highly effective EGFR inhibitor with single-digit nanomolar activity, uniquely combining tamoxifen or endoxifen with the EGFR inhibitor gefitinib through a covalent bond, maintaining both ER antagonist activity and EGFR inhibition capabilities, demonstrating exceptional anti-cancer efficacy [1].
Targets(IC50)	EGFR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1622 mL	5.8109 mL	11.6218 mL
5 mM	0.2324 mL	1.1622 mL	2.3244 mL
10 mM	0.1162 mL	0.5811 mL	1.1622 mL
50 mM	0.0232 mL	0.1162 mL	0.2324 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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