

EGFR-IN-42

Chemical Properties

CAS No. :

Formula: C49H53ClFN5O5

Molecular Weight: 846.43

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-42 (Compound 17b), a potent EGFR inhibitor, demonstrates single-digit nanomolar activity by covalently linking tamoxifen or endoxifen with gefitinib, retaining both ER antagonist activity and EGFR inhibition, resulting in superior anti-cancer activity [1].
Targets(IC50)	EGFR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1814 mL	5.9072 mL	11.8143 mL
5 mM	0.2363 mL	1.1814 mL	2.3629 mL
10 mM	0.1181 mL	0.5907 mL	1.1814 mL
50 mM	0.0236 mL	0.1181 mL	0.2363 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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