

EGFR-IN-3

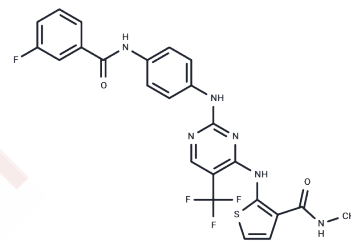
Chemical Properties

CAS No. :

Formula: C₂₄H₁₈F₄N₆O₂S

Molecular Weight: 530.5

Storage: Store at low temperature
 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-3 is an EGFR inhibitor with potential antitumour activity. EGFR-IN-3 inhibits EGFRwt-TK and induces apoptosis (cell death), which can cause cells to block in the G2/M phase.
Targets(IC50)	Apoptosis, EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.885 mL	9.4251 mL	18.8501 mL
5 mM	0.377 mL	1.885 mL	3.770 mL
10 mM	0.1885 mL	0.9425 mL	1.885 mL
50 mM	0.0377 mL	0.1885 mL	0.377 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.

Reference

Yan L, et al. Design, synthesis and biological evaluation of a series of dianilinopyrimidines as EGFR inhibitors. J Enzyme Inhib Med Chem. 2022 Dec;37(1):832-843.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481