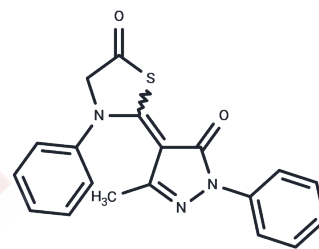


EGFR-IN-166

Chemical Properties

CAS No. : 503443-98-9
 Formula: C₁₉H₁₅N₃O₂S
 Molecular Weight: 349.41
 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-166 (Compound 2) is an EGFR inhibitor demonstrating potent anticancer activity against breast cancer cells, with an IC ₅₀ of 69.63 μM for MCF-7 cells and 22.84 μM for MDA-MB-231 cells. It notably inhibits cell migration and EGFR expression, making it valuable for breast cancer research.
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.862 mL	14.3098 mL	28.6197 mL
5 mM	0.5724 mL	2.862 mL	5.7239 mL
10 mM	0.2862 mL	1.431 mL	2.862 mL
50 mM	0.0572 mL	0.2862 mL	0.5724 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481