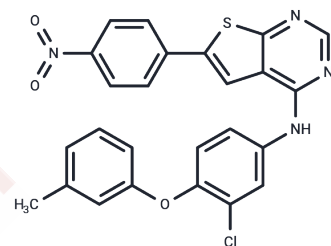


EGFR/HER2-IN-12

Chemical Properties

CAS No. : 2237230-21-4
 Formula: C₂₅H₁₇ClN₄O₃S
 Molecular Weight: 488.95
 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/HER2-IN-12 (compound 14b) serves as a dual inhibitor targeting EGFR and HER2, demonstrating 81% and 51% inhibition respectively at a concentration of 10 μ M. This compound exhibits minimal toxicity towards A431 and MDA-MB-361 cancer cells [1].
Targets(IC50)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0452 mL	10.226 mL	20.452 mL
5 mM	0.409 mL	2.0452 mL	4.0904 mL
10 mM	0.2045 mL	1.0226 mL	2.0452 mL
50 mM	0.0409 mL	0.2045 mL	0.409 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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