

ZN-A-1041

Chemical Properties

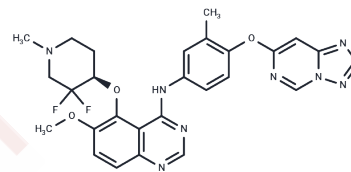
CAS No. : 2414056-31-6

Formula: C₂₇H₂₆F₂N₈O₃

Molecular Weight: 548.54

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	ZN-A-1041 is an inhibitor of HER2 in BT474 cells with an IC ₅₀ of 9.5 nM and wt-EGFR in H838 cells with an IC ₅₀ of 12 μM. It can be utilized for cancer and inflammation research [1].
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.823 mL	9.1151 mL	18.2302 mL
5 mM	0.3646 mL	1.823 mL	3.646 mL
10 mM	0.1823 mL	0.9115 mL	1.823 mL
50 mM	0.0365 mL	0.1823 mL	0.3646 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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