

EGFR-IN-103

Chemical Properties

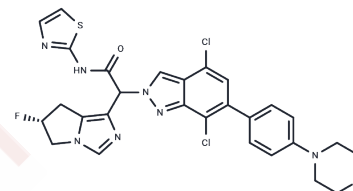
CAS No. : 2568506-66-9

Formula: C₂₈H₂₄Cl₂FN₇O₂S

Molecular Weight: 612.51

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-103 (compound 1), an effective EGFR inhibitor, exhibits a strong inhibitory activity with an IC ₅₀ value of 6 nM against pEGFR [1].
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6326 mL	8.1631 mL	16.3263 mL
5 mM	0.3265 mL	1.6326 mL	3.2653 mL
10 mM	0.1633 mL	0.8163 mL	1.6326 mL
50 mM	0.0327 mL	0.1633 mL	0.3265 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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