

EGFR/CSC-IN-1

Chemical Properties

CAS No. :	2820447-02-5
Formula:	C54H54Cl2FN7O7S2
Molecular Weight:	1067.08
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/CSC-IN-1 is a dual inhibitor of the epidermal growth factor receptor (EGFR [IC50 10.52 nM]) and cancer stem cells (CSC), potentially applicable in triple-negative breast cancer research.
Targets(IC50)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9371 mL	4.6857 mL	9.3714 mL
5 mM	0.1874 mL	0.9371 mL	1.8743 mL
10 mM	0.0937 mL	0.4686 mL	0.9371 mL
50 mM	0.0187 mL	0.0937 mL	0.1874 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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