

## EGFR/HER2-IN-10

## Chemical Properties

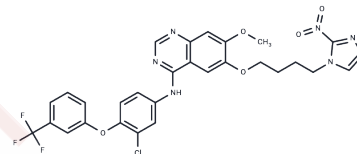
CAS No. : 2931499-82-8

Formula: C<sub>29</sub>H<sub>24</sub>ClF<sub>3</sub>N<sub>6</sub>O<sub>5</sub>

Molecular Weight: 628.99

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-10 (compound 9F) serves as a potent, selective dual inhibitor for EGFR and HER2, exhibiting IC <sub>50</sub> values of 2.3 nM for EGFR and 234 nM for HER2. Additionally, it demonstrates effective antiproliferative activity against prostate carcinoma [1].
Targets(IC <sub>50</sub> )	EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5899 mL	7.9493 mL	15.8985 mL
5 mM	0.318 mL	1.5899 mL	3.1797 mL
10 mM	0.159 mL	0.7949 mL	1.5899 mL
50 mM	0.0318 mL	0.159 mL	0.318 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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