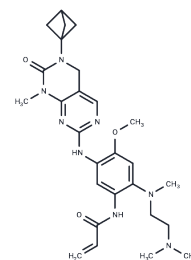


## EGFR/HER2-IN-13

## Chemical Properties

CAS No. :	3034701-46-4
Formula:	C <sub>27</sub> H <sub>36</sub> N <sub>8</sub> O <sub>3</sub>
Molecular Weight:	520.63
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-13 (Compd 38) serves as an inhibitor targeting mutant EGFR/HER2s that show resistance to existing drugs. It is primarily utilized in cancer research.
Targets(IC50)	EGFR
In vitro	EGFR/HER2-IN-13 exhibits an IC50 of less than 100 nM in Ba/F3 cells transfected with mutated EGFR variants insASV, insSVD, and insGSP [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9207 mL	9.6037 mL	19.2075 mL
5 mM	0.3841 mL	1.9207 mL	3.8415 mL
10 mM	0.1921 mL	0.9604 mL	1.9207 mL
50 mM	0.0384 mL	0.1921 mL	0.3841 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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