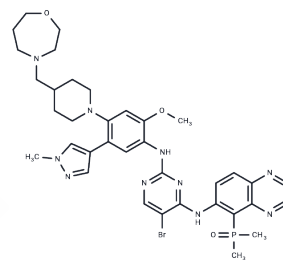


## EGFR-IN-23

## Chemical Properties

CAS No. :	2747133-37-3
Formula:	C <sub>36</sub> H <sub>44</sub> BrN <sub>10</sub> O <sub>3</sub> P
Molecular Weight:	775.68
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-23, identified as compound 8 in WO2021244502A1, is a potent EGFR tyrosine kinase inhibitor (TKI) demonstrating an inhibitory concentration (IC <sub>50</sub> ) of 8.05 nM against the BaF3/EGFR-DEL19/T790M/C797S cell line.
Targets(IC <sub>50</sub> )	EGFR,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2892 mL	6.446 mL	12.8919 mL
5 mM	0.2578 mL	1.2892 mL	2.5784 mL
10 mM	0.1289 mL	0.6446 mL	1.2892 mL
50 mM	0.0258 mL	0.1289 mL	0.2578 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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