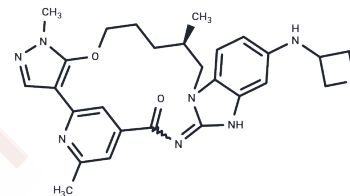


## EGFR-IN-132

### Chemical Properties

CAS No. : 2809982-20-3  
 Formula: C<sub>27</sub>H<sub>31</sub>N<sub>7</sub>O<sub>3</sub>  
 Molecular Weight: 501.58  
 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-132 (Compound 23) is an EGFR inhibitor effective against various EGFR mutations including the wild-type, L858R/T790M, d19/T790M, L858R/T790M/C797S, and d19/T790M/C797S with IC <sub>50</sub> values of 1.6, 0.025, 0.019, 0.022, and 0.029 nM, respectively. This compound demonstrates favorable pharmacokinetics with high oral bioavailability.
Targets(IC <sub>50</sub> )	EGFR,Neurotensin Receptor

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9937 mL	9.9685 mL	19.937 mL
5 mM	0.3987 mL	1.9937 mL	3.9874 mL
10 mM	0.1994 mL	0.9968 mL	1.9937 mL
50 mM	0.0399 mL	0.1994 mL	0.3987 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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