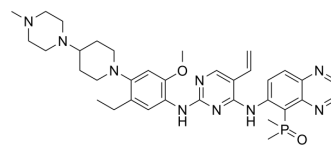


## EGFR-IN-27

Cat. No.:	HY-142519
CAS No.:	2752328-62-2
Molecular Formula:	C <sub>35</sub> H <sub>46</sub> N <sub>9</sub> O <sub>2</sub> P
Molecular Weight:	655.77
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	EGFR-IN-27 is a potent EGFR inhibitor with IC <sub>50</sub> s of <50 nM for EGFR Del, L858R, Del/T790M, L858R/T790M, Del/T790M/C797S, and L858R/T790M/C797S, respectively (WO2021249324A1, compound 511) <sup>[1]</sup> .			
<b>IC<sub>50</sub> &amp; Target</b>	EGFR <sup>del19</sup> <50 nM (IC <sub>50</sub> )	EGFR <sup>L858R</sup> <50 nM (IC <sub>50</sub> )	EGFR <sup>L858R/T790M</sup> <50 nM (IC <sub>50</sub> )	EGFR <sup>del19 T790M C797S</sup> <50 nM (IC <sub>50</sub> )
	EGFR (C797S/T790M/L858R) <50 nM (IC <sub>50</sub> )	EGFR <sup>del19 T790M</sup> <50 nM (IC <sub>50</sub> )		

### REFERENCES

[1]. Alkenyl pyrimidine compound, preparation method therefor, and application thereof. WO2021249324A1.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA