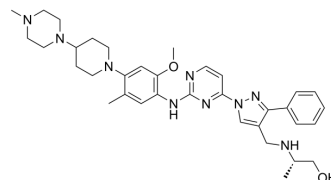


## EGFR-IN-101

Cat. No.:	HY-161269
CAS No.:	2982583-44-6
Molecular Formula:	C <sub>35</sub> H <sub>47</sub> N <sub>9</sub> O <sub>2</sub>
Molecular Weight:	625.81
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

Description	EGFR-IN-101 (I-10) is a 2-phenylamino pyrimidine derivative. EGFR-IN-101 is a EGFR inhibitor. The IC <sub>50</sub> values for EGFR L858R/T790M/C797S and Ba/F3-EGFR <sup>L858R/T790M/C797S</sup> are 33.26 and 106.4 nM, respectively. EGFR-IN-101 can be used IN the study of non-small cell lung cancer (NSCLC) <sup>[1]</sup> .
IC <sub>50</sub> & Target	EGFR <sup>[1]</sup>

### REFERENCES

[1]. Tang C, et al. Design, synthesis and biological evaluation of 2-phenylaminopyrimidine derivatives as EGFR inhibitors. *Bioorg Med Chem Lett*. 2024 Feb 6;101:129648.

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

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