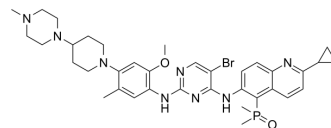


## EGFR-IN-29

Cat. No.:	HY-143729
CAS No.:	2682200-93-5
Molecular Formula:	C <sub>36</sub> H <sub>46</sub> BrN <sub>8</sub> O <sub>2</sub> P
Molecular Weight:	733.68
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-29 is a potent EGFR inhibitor, example J-022, extracted from Patent WO2021160087 <sup>[1]</sup> .
IC <sub>50</sub> & Target	EGFR <sup>T790M</sup>
In Vitro	EGFR-IN-29 inhibits Ba/F3 cells with stable overexpression of $\Delta$ 19del/T790M/C797S mutant genes, cells overexpressing EGFR WT and A431 carrying EGFR WT with IC <sub>50</sub> values of 6.8 nM, 151 nM and 1128 nM, respectively. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Xiangyong Liu. Quinolyl phosphine oxide compound, and composition and application thereof. Patent WO2021160087.

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

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