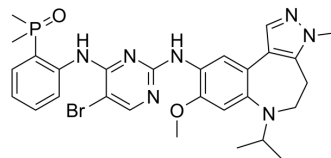


EGFR-IN-30

Cat. No.:	HY-144044
CAS No.:	2726463-68-7
Molecular Formula:	C ₂₈ H ₃₃ BrN ₇ O ₂ P
Molecular Weight:	610.49
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-30 is a potent EGFR inhibitor with IC ₅₀ s of 1-10 nM, <1 nM for EGFR (WT), EGFR (L858R/T790M/C797S), respectively. EGFR-IN-30 has potential for cell proliferative diseases, such as cancer research ^[1] .	
IC₅₀ & Target	EGFR (WT) 1-10 nM (IC ₅₀)	EGFR (L858R/T790M/C797S) <1 nM (IC ₅₀)
In Vitro	EGFR-IN-30 (compound 27) inhibits A431 cell (IC ₅₀ =100-1000 nM), Ba/F3_L858R/T790M/C797S cell (IC ₅₀ <10 nM), Ba/F3_Del19/T790M/C797S cell (IC ₅₀ <10 nM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Shansong Zheng, et al. Tricyclic compounds as EGFR inhibitors. WO2021208918A1.

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

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