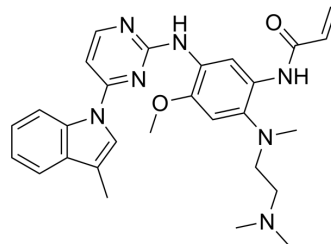


EGFR-IN-87

Cat. No.:	HY-156741
CAS No.:	1835666-87-9
Molecular Formula:	C ₂₈ H ₃₃ N ₇ O ₂
Molecular Weight:	499.61
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-87 is a EGFR tyrosine kinase inhibitor. EGFR-IN-87 has IC ₅₀ value of 3.1 nM, 1.3 nM and 7.1 nM for EGFR_d746-750, EGFR_L858R/T790 and EGFR_WT in A431 cells, respectively. EGFR-IN-87 can be used for cancer diseases research ^[1] .
IC ₅₀ & Target	EGFR tyrosine kinase inhibitor for treatment of cancer. IC50 for EGFR d746~750, EGFR L858R/T790, EGFR WT was in nanomolar level. WO2017120429 Example 2 2023/9/15

REFERENCES

[1]. Song Y.T, et al. Selective inhibitors of clinically important mutants of the egfr tyrosine kinase. The United States, WO2017120429 A1. 2017-07-13.

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