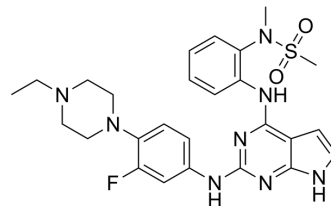


## EGFR-IN-89

Cat. No.:	HY-156284
CAS No.:	2413029-40-8
Molecular Formula:	C <sub>26</sub> H <sub>31</sub> FN <sub>8</sub> O <sub>2</sub> S
Molecular Weight:	538.64
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-89 (compound 13k) is a potent, fourth-generation EGFR mutation inhibitor with an IC <sub>50</sub> of 10.1 nM against Del19/T790M/C797S mutations. EGFR-IN-89 shows higher selectivity over wild type <sup>[1]</sup> .
IC <sub>50</sub> & Target	EGFR <sup>19del/TM/CS</sup> 10.1 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Jiyoung Jeon, et al. Design and synthesis of 4th generation EGFR inhibitors against human triple (Del19/T790M/C797S) mutation. Eur J Med Chem. 2023 Sep 27;261:115840.

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

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