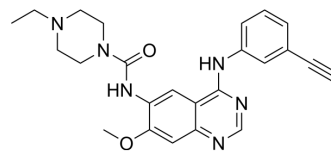


## Epitinib

Cat. No.:	HY-139300
CAS No.:	1203902-67-3
Molecular Formula:	C <sub>24</sub> H <sub>26</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	430.5
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	Epitinib is an orally active and selective epidermal growth factor receptor tyrosine kinase inhibitor (EGFR-TKI) designed for optimal brain penetration. Epitinib can be used for the research of cancer <sup>[1][2]</sup> . Epitinib is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC <sub>50</sub> & Target	EGFR <sup>[2]</sup>

### REFERENCES

- [1]. Zhou et al. The safety profile of a selective EGFR TKI epitinib (HMPL-813) in patients with advanced solid tumors and preliminary clinical efficacy in EGFRm+ NSCLC patients with brain metastasis. *Journal of Clinical Oncology* 2016 34:15\_suppl, e20502-e20502
- [2]. Zhou et al. Phase I study of the safety and pharmacokinetics of epitinib, an oral EGFR tyrosine kinase inhibitor, in patients with advanced solid tumors. *Journal of Clinical Oncology* 2013 31:15\_suppl, e19042-e19042

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

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