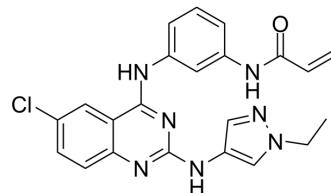


## EGFR/ACK1-IN-1

Cat. No.:	HY-162254
Molecular Formula:	C <sub>22</sub> H <sub>20</sub> ClN <sub>7</sub> O
Molecular Weight:	433.89
Target:	EGFR; Ack1
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 T790M/L858R/ACK1-IN-1 is a dual inhibitor of EGFR T790M/L858R and ACK1. IC<sub>50</sub> values are 23 and 263 nM, respectively. EGFR T790M/L858R/ACK1-IN-1 can inhibit cell proliferation and has antitumor activity<sup>[1]</sup>.

### REFERENCES

[1]. Wang A, et al. Design, Synthesis, and Biological Evaluation of Dual Inhibitors of EGFR L858R/T790M/ACK1 to Overcome Osimertinib Resistance in Nonsmall Cell Lung Cancers. *J Med Chem.* 2024 Feb 22;67(4):2777-2801.

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

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