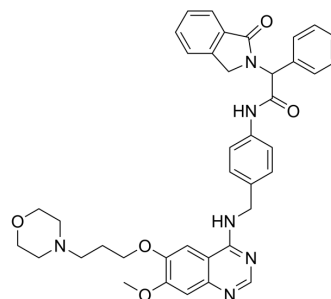


EGFR kinase inhibitor 2

Cat. No.:	HY-157166
Molecular Formula:	C ₃₉ H ₄₀ N ₆ O ₅
Molecular Weight:	672.77
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 kinase inhibitor 2 (compound A-7) is a potent EGFR inhibitor targeting EGFR ^{L858R/T790M/C797S} and EGFR ^{Del19/T790M/C797S} mutants. EGFR kinase inhibitor 2 has the potential to address acquired resistance in the treatment of non-small cell lung cancer ^[1] .
IC ₅₀ & Target	EGFR ^{L858R/T790M/C797S} , EGFR ^{Del19/T790M/C797S} [1]

REFERENCES

[1]. Fan M et al. Design, synthesis and biological evaluation of EGFR kinase inhibitors that spans the orthosteric and allosteric sites. *Bioorg Med Chem*. 2023 Nov 10;96:117534.

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

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