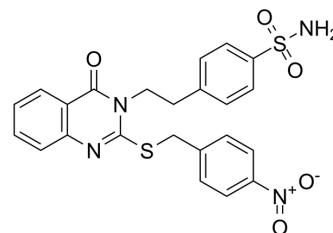


## EGFR/HER2/CDK9-IN-2

Cat. No.:	HY-147797
CAS No.:	1180924-34-8
Molecular Formula:	C <sub>23</sub> H <sub>20</sub> N <sub>4</sub> O <sub>5</sub> S <sub>2</sub>
Molecular Weight:	496.56
Target:	EGFR; CDK
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

EGFR/HER2/CDK9-IN-2 (Compound 9) is a potent inhibitor of EGFR/HER2/CDK9 with IC<sub>50</sub>s of 145.35, 129.07, and 117.13 nM, respectively. EGFR/HER2/CDK9-IN-2 exhibits remarkable antitumor activity<sup>[1]</sup>.

### REFERENCES

[1]. El-Azab AS, et al. Antitumor activity, multitarget mechanisms, and molecular docking studies of quinazoline derivatives based on a benzenesulfonamide scaffold: Cell cycle analysis. Bioorg Chem. 2020;104:104345.

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

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