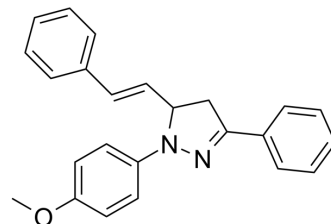


## EGFR-IN-68

Cat. No.:	HY-147997
CAS No.:	2416925-03-4
Molecular Formula:	C <sub>24</sub> H <sub>22</sub> N <sub>2</sub> O
Molecular Weight:	354.44
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

<b>Description</b>	EGFR-IN-68 (Compound 8d) is a potent EGFR inhibitor with an IC <sub>50</sub> of 0.33 μM. EGFR-IN-68 shows anticancer activity <sup>[1]</sup> .
<b>In Vitro</b>	EGFR-IN-68 (Compound 8d) shows cytotoxicity with IC <sub>50</sub> values of 3.79 ± 0.04 μM and 25.56 ± 1.59 μM against MCF-7 and WI-38, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. George RF, et al. Some 1,3,5-trisubstituted pyrazoline derivatives targeting breast cancer: Design, synthesis, cytotoxic activity, EGFR inhibition and molecular docking. *Bioorg Chem.* 2020 Jun;99:103780.

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

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