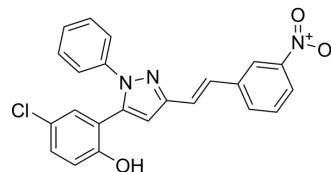


## EGFR-IN-79

Cat. No.:	HY-155074
Molecular Formula:	C <sub>23</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>3</sub>
Molecular Weight:	417.84
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-IN-79 (compound 21) is an EGFR inhibitor with antitumor activity. EGFR-IN-79 induces ROS-independent apoptosis and EGFR/AKT/mTOR-mediated autophagy. EGFR-IN-79 induces cell death at both proliferating and quiescent zones of EJ28 spheroids. EGFR-IN-79 exhibits safety profile in the zebrafish-based model<sup>[1]</sup>.

## REFERENCES

[1]. Leong SW, et al. Discovery of a novel dual functional phenylpyrazole-styryl hybrid that induces apoptotic and autophagic cell death in bladder cancer cells. *Eur J Med Chem.* 2023 Jun 5;254:115335.

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

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