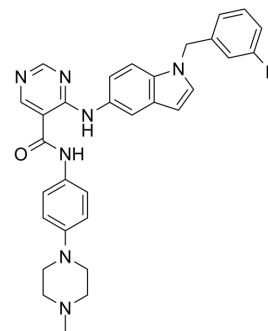


## EGFR-IN-58

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-146154   |
| Molecular Formula: | C <sub>31</sub> H <sub>30</sub> FN <sub>7</sub> O   |
| Molecular Weight:  | 535.61  |
| 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-58 (Compound 4a) is a potent, ATP-competitive, and selective EGFR inhibitor. EGFR-IN-58 shows potent cytotoxicity against melanoma, colon, and blood cancers<sup>[1]</sup>.

## REFERENCES

[1]. Ahmed Karam Farag, et al. Design, synthesis, and biological evaluation of pseudo-bicyclic pyrimidine-based compounds as potential EGFR inhibitors. *Bioorg Chem.* 2022 Sep;126:105918.

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

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