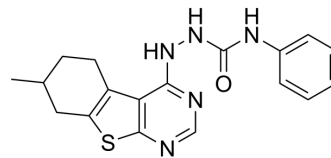


EGFR-IN-96

| | |
|--------------------|---|
| Cat. No.: | HY-161067 |
| Molecular Formula: | C ₁₈ H ₁₉ N ₅ OS |
| Molecular Weight: | 353.44 |
| Target: | EGFR; Apoptosis |
| Pathway: | JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Apoptosis |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | EGFR-IN-96 (compound 7a) is a thieno[2,3-d]pyrimidine EGFR inhibitor that can induce apoptosis. EGFR-IN-96 arrests the growth of HepG2 cells in the S phase and G2/M phase, and inhibits the growth of cancer cells bearing EGFR wild-type and EGFR ^{T790M} [1]. |
| IC ₅₀ & Target | EGFR, EGFR ^{T790M} [1] |

REFERENCES

[1]. Sobh EA, et al. Discovery of new thieno[2,3-d]pyrimidines as EGFR tyrosine kinase inhibitors for cancer treatment. *Future Med Chem.* 2023 Jul;15(13):1167-1184.

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

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