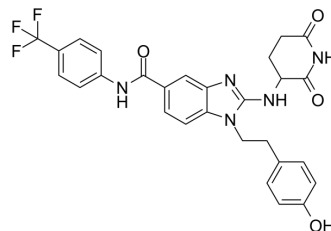


EGFR-IN-81

| | |
|--------------------|---|
| Cat. No.: | HY-155118 |
| CAS No.: | 2968419-65-8 |
| Molecular Formula: | C ₂₈ H ₂₄ F ₃ N ₅ O ₄ |
| Molecular Weight: | 551.52 |
| 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-81 (Compound 10i) is an EGFR inhibitor. EGFR-IN-81 inhibits EGFR WT and L858R/T790M with IC₅₀s 4.38 nM and 5.69 nM. EGFR-IN-81 has cytotoxic activity against MCF-7 and HCT116 cells with of 2.07 μM and 6.72 μM respectively^[1].

REFERENCES

[1]. Cynthia E Theodore, et al. Design, synthesis, anticancer activity and molecular docking of novel 1H-benzo[d]imidazole derivatives as potential EGFR inhibitors. Journal of Molecular Structure. Volume 1294, Part 2, 15 December 2023, 136341.

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

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