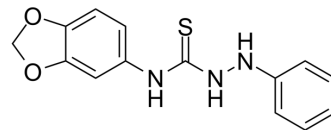


EGFR-IN-53

Cat. No.:	HY-146473
CAS No.:	2418549-33-2
Molecular Formula:	C ₁₄ H ₁₃ N ₃ O ₂ S
Molecular Weight:	287.34
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-53 (Compound 7) is a potent EGFR inhibitor with an IC ₅₀ of 8.264 μM. EGFR-IN-53 shows cytotoxic activity against cancer cell lines ^[1] .
IC ₅₀ & Target	EGFR 8.264 μM (IC ₅₀)

REFERENCES

[1]. Abbas SY, et al. Synthesis and anticancer activity of thiourea derivatives bearing a benzodioxole moiety with EGFR inhibitory activity, apoptosis assay and molecular docking study. Eur J Med Chem. 2020 Jul 15;198:112363.

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

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