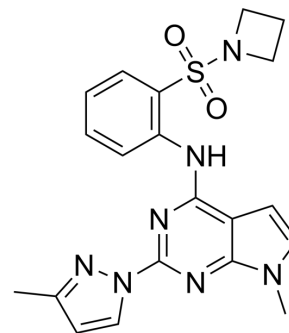


## EGFR-IN-86

Cat. No.:	HY-149530
Molecular Formula:	C <sub>20</sub> H <sub>21</sub> N <sub>7</sub> O <sub>2</sub> S
Molecular Weight:	423.49
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-86 (compound 4i) is an EGFR inhibitor (IC <sub>50</sub> : 1.5 nM) with high activity against glioblastoma. EGFR-IN-86 induces apoptosis and arrests the U87 cell cycle in the G2/M phase <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.5 nM (EGFR) <sup>[1]</sup>

## REFERENCES

[1]. Zhang Y, et al. Design and discovery of novel pyrazole-pyrrolopyrimidine derivatives as anti-glioma agents via promoting apoptosis, inhibiting cell cycle and EGFR-TK. Chem Biol Drug Des. 2023 Aug 28..

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

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