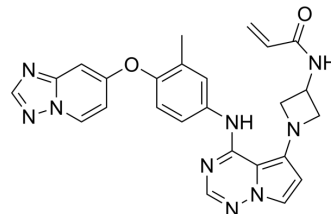


HER2-IN-16

Cat. No.:	HY-163420
Molecular Formula:	C ₂₅ H ₂₃ N ₉ O ₂
Molecular Weight:	481.51
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	HER2-IN-16 (Compound 14) is an inhibitor for HER2, which inhibits the Her YVMA exon 20 insertion mutation (HER2 YVMA) with an IC ₅₀ <200 nM. HER2-IN-16 inhibits proliferation of HER2 YVMA mutated BaF3 cells with an IC ₅₀ <200 nM and ameliorates non-small-cell lung cancer (NSCLC) ^[1] .
IC ₅₀ & Target	Her2 exon 20 YVMA insertion <200 nM (IC ₅₀)

REFERENCES

[1]. Svitlana KULYK, et al., Compounds and methods for modulating her2. Patent WO2024044570.

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

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