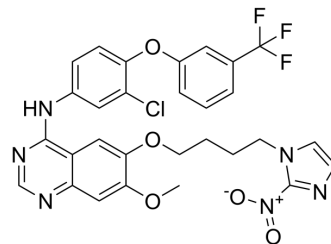


EGFR/HER2-IN-10

Cat. No.:	HY-157399
CAS No.:	2931499-82-8
Molecular Formula:	C ₂₉ H ₂₄ ClF ₃ N ₆ O ₅
Molecular Weight:	628.99
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/HER2-IN-10 (compound 9F) is a potent and selective dual EGFR/HER2 inhibitor with IC ₅₀ s of 2.3 nM and 234 nM for EGFR and HER2, respectively. EGFR/HER2-IN-10 shows an effective antiproliferative action against prostate carcinoma ^[1] .	
IC₅₀ & Target	EGFR 2.3 nM (IC ₅₀)	HER2 234 nM (IC ₅₀)

REFERENCES

[1]. Seohyun Son, et al. Development of new TAK-285 derivatives as potent EGFR/HER2 inhibitors possessing antiproliferative effects against 22RV1 and PC3 prostate carcinoma cell lines. *J Enzyme Inhib Med Chem.* 2023 Dec;38(1):2202358.

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

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