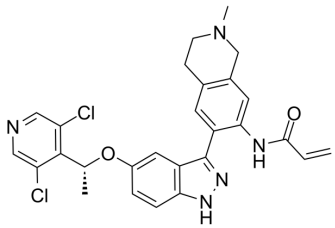
FGFR4-IN-14

Cat. No.:	HY-155046
CAS No.:	3027827-02-4
Molecular Formula:	$C_{27}H_{25}Cl_2N_5O_2$
Molecular Weight:	522.43
Target:	FGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FGFR4-IN-14 (Compound 27i) is a FGFR4 inhibitor (IC_{50}: 2.4 nM. FGFR4-IN-14 inhibits the proliferation of V550L and N535K mutant strains, with IC_{50}s of 21 nM, 2.5 nM, 171 nM against huh7, BaF3/ETV6-FGFR4-V550L and BaF3/ETV6-FGFR4-N535K cells respectively. FGFR4-IN-14 has potent antitumor efficacy in the Huh7 xenograft model. FGFR4-IN-14 can be used for research of hepatocellular carcinoma (HCC)[1].

REFERENCES

[1]. Yang Y, et al. Design, synthesis and biological evaluation of indazole derivatives as selective covalent inhibitors of FGFR4 in wild-type and gatekeeper mutants. Eur J Med Chem. 2023 Oct 5;258:115628.

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