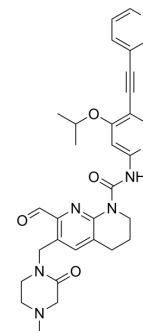


FGFR4-IN-6

Cat. No.:	HY-143881
CAS No.:	2760970-10-1
Molecular Formula:	C ₃₁ H ₃₃ N ₇ O ₄
Molecular Weight:	567.64
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-6 (Compound 9ka) is a covalently reversible FGFR4 inhibitor with an IC₅₀ value of 5.4 nM. FGFR4-IN-6 also exhibits good oral pharmacokinetic properties. FGFR4-IN-6 induces significant tumor regressions in a xenograft mouse model of Hep3B2.1-7 HCC cell line without an obvious sign of toxicity^[1]. FGFR4-IN-6 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Zhen Zhang, et al. Design, Synthesis, and Biological Evaluation of 2-Formyl Tetrahydronaphthyridine Urea Derivatives as New Selective Covalently Reversible FGFR4 Inhibitors. *J Med Chem.* 2022 Feb 24;65(4):3249-3265.

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

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