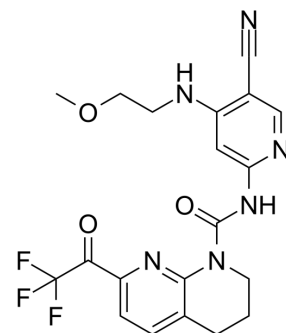


FGFR4-IN-10

Cat. No.:	HY-146541
CAS No.:	2857862-25-8
Molecular Formula:	C ₂₀ H ₁₉ F ₃ N ₆ O ₃
Molecular Weight:	448.4
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-10 (compound 5a) is a potent and selective FGFR4 inhibitor with an IC ₅₀ value of 70.7 nM. FGFR4-IN-10 shows no inhibition against other FGFR family members, i.e. FGFR1, FGFR2 and FGFR3 ^[1] .
IC ₅₀ & Target	FGFR4 70.7 nM (IC ₅₀)

REFERENCES

[1]. Zhen Zhang, et al. Characterization of an aromatic trifluoromethyl ketone as a new warhead for covalently reversible kinase inhibitor design. *Bioorg Med Chem*. 2021 Nov 15;50:116457.

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

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