# FGFR3-IN-3

**Cat. No.:** HY-147715

**CAS No.:** 2428738-41-2

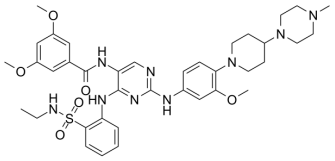
**Molecular Formula:** $C_{38}H_{49}N_9O_6S$

**Molecular Weight:** 759.92

**Target:** FGFR

**Pathway:** Protein Tyrosine Kinase/RTK

**Storage:** Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

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|---|---|---|---|---|
| **Description** | FGFR3-IN-3 (compound 40a) is a potent and pan-FGFR inhibitor, with $IC_{50}$s of 2.1 nM, 3.1 nM, 4.3 nM and 74 nM for FGFR1, 2, 3 , and 4, respectively. FGFR3-IN-3 can be used for the research of bladder cancer[1]. | | | |
| **$IC_{50}$ & Target** | FGFR1<br>2.1 nM ($IC_{50}$) | FGFR2<br>3.1 nM ($IC_{50}$) | FGFR3<br>4.3 nM ($IC_{50}$) | FGFR4<br>74 nM ($IC_{50}$) |

## REFERENCES

[1]. Kuriwaki I, et, al. Structure-based drug design of 1,3,5-triazine and pyrimidine derivatives as novel FGFR3 inhibitors with high selectivity over VEGFR2. Bioorg Med Chem. 2020 May 15;28(10):115453.



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