# FGFR3-IN-2

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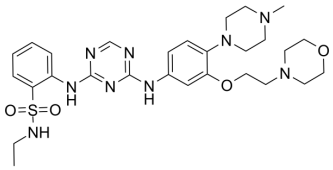
| **Cat. No.:** | HY-147714 |
| **CAS No.:** | 2428742-58-7 |
| **Molecular Formula:** | $C_{28}H_{39}N_9O_4S$ |
| **Molecular Weight:** | 597.73 |
| **Target:** | FGFR; VEGFR |
| **Pathway:** | Protein Tyrosine Kinase/RTK |
| **Storage:** | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

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| **Description** | FGFR3-IN-2 (compound 18b) is a potent and selective FGFR3 inhibitor, with $IC_{50}$s of 4.1 nM and 570 nM for FGFR3 and VEGFR2 , respectively. FGFR3-IN-2 can be used for the research of bladder cancer[1]. | |
| **$IC_{50}$ & Target** | FGFR3<br>4.1 nM ($IC_{50}$) | VEGFR2<br>570 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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