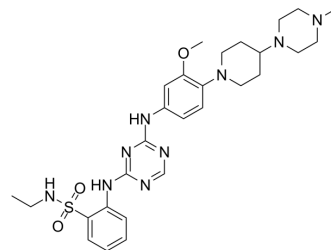


## FGFR3-IN-1

<b>Cat. No.:</b>	HY-147713
<b>CAS No.:</b>	2428743-04-6
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>39</sub> N <sub>9</sub> O <sub>3</sub> S
<b>Molecular Weight:</b>	581.73
<b>Target:</b>	FGFR
<b>Pathway:</b>	Protein Tyrosine Kinase/RTK
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	FGFR3-IN-1 (compound 1) is a fibroblast growth factor receptor (FGFR) inhibitor, with IC <sub>50</sub> s of 40 nM, 5.1 nM, and 12 nM for FGFR1, 2, and 3, respectively. FGFR3-IN-1 can be used for the research of bladder cancer <sup>[1]</sup> .		
<b>IC<sub>50</sub> &amp; Target</b>	FGFR1 40 nM (IC <sub>50</sub> )	FGFR2 5.1 nM (IC <sub>50</sub> )	FGFR3 12 nM (IC <sub>50</sub> )

## 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.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA