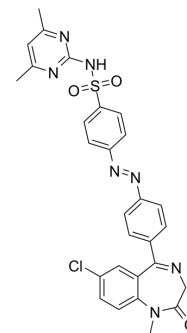


## VEGFR-2-IN-21

Cat. No.:	HY-147800
CAS No.:	2531029-88-4
Molecular Formula:	C <sub>28</sub> H <sub>24</sub> ClN <sub>7</sub> O <sub>3</sub> S
Molecular Weight:	574.05
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	VEGFR-2-IN-21 (Compound 5d) is a potent VEGFR-2 inhibitor with an IC <sub>50</sub> of 0.10 μM. VEGFR-2-IN-21 shows anticancer activity <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	VEGFR-2 0.10 μM (IC <sub>50</sub> )
<b>In Vitro</b>	VEGFR-2-IN-21 (Compound 5d) shows inhibitory activities against the three HepG2, HCT116 and MCF-7 cancer cell lines with IC <sub>50</sub> values of 8.98 ± 0.1, 7.77 ± 0.1 and 6.99 ± 0.1 μM respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Saleh NM, et al. Design, green synthesis, molecular docking and anticancer evaluations of diazepam bearing sulfonamide moieties as VEGFR-2 inhibitors. Bioorg Chem. 2020 Nov;104:104350.

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

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