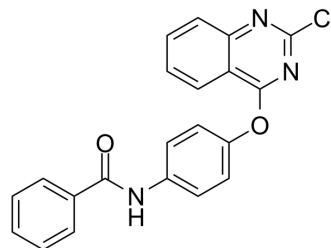


## VEGFR-2-IN-17

Cat. No.:	HY-144804
Molecular Formula:	C <sub>21</sub> H <sub>14</sub> ClN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	375.81
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	VEGFR-2-IN-17 (Compound 15a) is a potent VEGFR-2 inhibitor with an IC <sub>50</sub> of 67.25 nM. VEGFR-2-IN-17 shows antitumor activities <sup>[1]</sup> .
IC <sub>50</sub> & Target	VEGFR2 67.25 nM (IC <sub>50</sub> )
In Vitro	VEGFR-2-IN-17 (Compound 15a) shows antiproliferative activities with IC <sub>50</sub> values of 34.59 ± 2.82, 30.28 ± 2.56, 47.10 ± 3.59 and 250.33 ± 2.51 μM against HepG2, PC3, MCF-7 and WI-38 cells, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Abdallah AE, et al. Synthesis, biological evaluation, and molecular docking of new series of antitumor and apoptosis inducers designed as VEGFR-2 inhibitors. J Enzyme Inhib Med Chem. 2022 Dec;37(1):573-591.

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

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