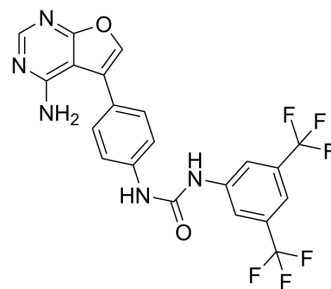


## TIE-2/VEGFR-2 kinase-IN-5

<b>Cat. No.:</b>	HY-156638
<b>CAS No.:</b>	1014407-83-0
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>13</sub> F <sub>6</sub> N <sub>5</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	481.35
<b>Target:</b>	Tie; VEGFR
<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>	TIE-2/VEGFR-2 kinase-IN-5 is an anti-angiogenic agent. TIE-2/VEGFR-2 kinase-IN-5 also is a potent TIE-2 and VEGFR-2 tyrosine kinase inhibitor with pIC <sub>50</sub> values of 7.78 nM and 8.11 nM, respectively. TIE-2/VEGFR-2 kinase-IN-5 can be used for the research of angiogenesis <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	Tie2 7.78 nM (IC <sub>50</sub> )	VEGFR-2 8.11 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Miyazaki Y, et al. Orally active 4-amino-5-diarylurea-furo[2,3-d]pyrimidine derivatives as anti-angiogenic agent inhibiting VEGFR2 and Tie-2. *Bioorg Med Chem Lett.* 2007 Mar 15;17(6):1773-8.

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

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