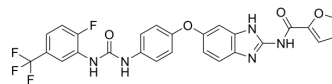


## TIE-2/VEGFR-2 kinase-IN-4

Cat. No.:	HY-156637
CAS No.:	433224-29-4
Molecular Formula:	C <sub>26</sub> H <sub>17</sub> F <sub>4</sub> N <sub>5</sub> O <sub>4</sub>
Molecular Weight:	539.44
Target:	Tie; VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	TIE-2/VEGFR-2 kinase-IN-4, benzimidazole, is a potent TIE-2 and VEGFR-2 tyrosine kinase receptors inhibitors with IC <sub>50</sub> values of 5.2 nM and 5.1 nM, respectively. TIE-2/VEGFR-2 kinase-IN-4 can be used for the research of angiogenesis <sup>[1]</sup> .	
IC <sub>50</sub> & Target	Tie2 5.2 nM (IC <sub>50</sub> )	VEGFR-2 5.1 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Hasegawa M, et al. Discovery of novel benzimidazoles as potent inhibitors of TIE-2 and VEGFR-2 tyrosine kinase receptors. J Med Chem. 2007 Sep 6;50(18):4453-70.

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

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