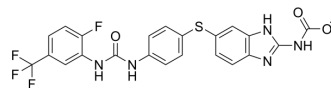


## TIE-2/VEGFR-2 kinase-IN-3

Cat. No.:	HY-156635
CAS No.:	433224-09-0
Molecular Formula:	C <sub>23</sub> H <sub>17</sub> F <sub>4</sub> N <sub>5</sub> O <sub>3</sub> S
Molecular Weight:	519.47
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-3, benzimidazole, is a potent TIE-2 and VEGFR-2 tyrosine kinase receptors inhibitors with IC <sub>50</sub> values of 6.9 nM and 3.5 nM, respectively. TIE-2/VEGFR-2 kinase-IN-3 can be used for the research of angiogenesis <sup>[1]</sup> .	
IC <sub>50</sub> & Target	Tie2 6.9 nM (IC <sub>50</sub> )	VEGFR-2 3.5 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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