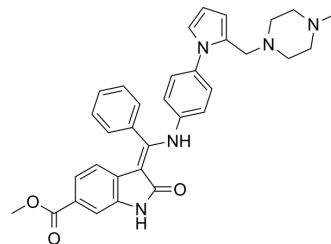


## Multi-kinase-IN-3

Cat. No.:	HY-150027
CAS No.:	2091950-43-3
Molecular Formula:	C <sub>33</sub> H <sub>33</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	547.65
Target:	VEGFR; PDGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Multi-kinase-IN-3 (compound 2) is a potent angiokinase inhibitor. Multi-kinase-IN-3 shows inhibition activity against VEGFR-2 and PDGFR $\beta$ , with IC <sub>50</sub> values of 58.3 and 55 nM, respectively <sup>[1]</sup> .	
IC <sub>50</sub> & Target	PDGFR $\beta$ 55 $\pm$ 2.6 nM (IC <sub>50</sub> )	VEGFR-2 58.3 $\pm$ 5.9 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Qin M, et al. Structural modifications of indolinones bearing a pyrrole moiety and discovery of a multi-kinase inhibitor with potent antitumor activity. Bioorg Med Chem. 2020 Jun 1;28(11):115486.

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

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