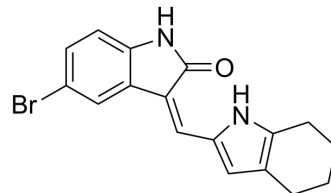


VEGFR-2-IN-44

Cat. No.:	HY-112337
CAS No.:	288144-20-7
Molecular Formula:	C ₁₇ H ₁₅ BrN ₂ O
Molecular Weight:	343.22
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	VEGFR-2-IN-44 (compound 4b) is a selective VEGF-R2 (Flk-1) inhibitor with an IC ₅₀ value of 70 nM. VEGFR-2-IN-44 also inhibits PDGF-Rβ with an IC ₅₀ of 920 nM ^[1] .	
IC ₅₀ & Target	Flk-1 70 nM (IC ₅₀)	PDGFR-β 920 nM (IC ₅₀)

REFERENCES

[1]. L Sun, et al. Identification of substituted 3-[(4,5,6, 7-tetrahydro-1H-indol-2-yl)methylene]-1,3-dihydroindol-2-ones as growth factor receptor inhibitors for VEGF-R2 (Flk-1/KDR), FGF-R1, and PDGF-Rbeta tyrosine kinases. J Med Chem. 2000 Jul 13;43(14):2655-63.

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

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