Product Data Sheet

VEGFR-2-IN-12

Cat. No.: HY-145864 Molecular Formula: $C_{22}H_{24}N_6O_3S$

Molecular Weight: 452.53

Target: VEGFR

Pathway: Protein Tyrosine Kinase/RTK

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

 $0.037 \, \mu M \, (IC_{50})$

BIOLOGICAL ACTIVITY

Description	VEGFR-2-IN-12 (compound 6g), a 2-oxoquinoxalinyl-1,2,4-triazole, is a potent VEGFR-2 inhibitor with an IC $_{50}$ of 0.037 μ M. VEGFR-2-IN-12 shows high growth inhibition against MCF-7 cells (GI $_{50}$ =1.6 μ M). VEGFR-2-IN-12 has antitumor activity ^[1] .
IC ₅₀ & Target	VEGFR2

REFERENCES

[1]. Merve Zengin, et al. Design and synthesis of new 2-oxoquinoxalinyl-1,2,4-triazoles as antitumor VEGFR-2 inhibitors. Bioorg Chem. 2022 Apr;121:105696.

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

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