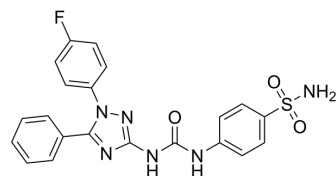


hCA/VEGFR-2-IN-1

Cat. No.:	HY-155694
Molecular Formula:	C ₂₁ H ₁₇ FN ₆ O ₃ S
Molecular Weight:	452.46
Target:	Carbonic Anhydrase; VEGFR
Pathway:	Metabolic Enzyme/Protease; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

hCA/VEGFR-2-IN-1 (compound 13a) is a potent dual Carbonic Anhydrase(CA) IX/XII with K_i values of 4.7 nM and 8.3 nM for hCA XII and hCA IX, respectively. hCA/VEGFR-2-IN-1 (compound 13a) is a potent VEGFR-2 inhibitor with IC₅₀ values 26.3 nM. hCA/VEGFR-2-IN-1 has anticancer activity^[1].

REFERENCES

[1]. ElSawi AE, et, al. 1,5-Diaryl-1,2,4-triazole Ureas as New SLC-0111 Analogues Endowed with Dual Carbonic Anhydrase and VEGFR-2 Inhibitory Activities. J Med Chem. 2023 Aug 10;66(15):10558-10578.

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

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