



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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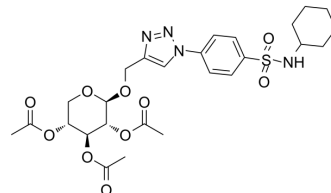
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hCA/VEGFR-2-IN-5

Cat. No.:	HY-163710
Molecular Formula:	C ₂₆ H ₃₄ N ₄ O ₁₀ S
Molecular Weight:	594.63
Target:	VEGFR; Carbonic Anhydrase
Pathway:	Protein Tyrosine Kinase/RTK; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	hCA/VEGFR-2 IN-5 (compound 9) is an indolone-phenylsulfonamide and a potential dual inhibitor of cancer-related hCA IX/XII and VEGFR-2. The IC ₅₀ values of hCA/VEGFR-2-IN-5 for VEGFR-2, hCA IX and hCA XII are 0.38 μM, 40 and 3.2 nM, respectively. hCA/VEGFR-2-IN-5 has antitumor activity ^[1] .		
IC₅₀ & Target	VEGFR-2 0.38 μM (IC ₅₀)	hCA IX 40 nM (IC ₅₀)	hCA XII 3.2 nM (IC ₅₀)
In Vitro	hCA/VEGFR-2-IN-5 in HepG-2 and MCF-7 cells with IC ₅₀ values of 8.39~16.90 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

REFERENCES

[1]. Abbas HS, et al. New sulfonamide-based glycosides incorporated 1,2,3-triazole as cytotoxic agents through VEGFR-2 and carbonic anhydrase inhibitory activity. Sci Rep. 2024 Jun 6;14(1):13028.

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

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