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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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VGB4

Cat. No.:	HY-P10550
Molecular Formula:	C ₁₂₂ H ₂₀₅ N ₃₃ O ₃₂ S ₂
Molecular Weight:	2710.27
Sequence:	Lys-Gln-Leu-Val-Ile-Lys-Pro-His-Gly-Gln-Ile-Leu-Met-Ile-Arg-Tyr-Pro-Ser-Ser-Gln-Leu-Glu-Met
Sequence Shortening:	KQLVIKPHGQILMIRYPSSQLEM
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

VGB4 is a VEGF-A and VEGF-B antagonist peptide that duplicates two binding domains of VEGF-B (loop 1 and loop3) and are linked together by the receptor-binding domain of VEGF-A (loop3). VGB4 has significant anti-angiogenic and anti-tumor activities and can regulate tumor growth and metastasis through multiple mechanisms. VGB4 could be used in anti-tumor research^[1].

REFERENCES

[1]. Farzaneh Behelgard M, et al. A peptide mimicking the binding sites of VEGF-A and VEGF-B inhibits VEGFR-1/-2 driven angiogenesis, tumor growth and metastasis[J]. Scientific reports, 2018, 8(1): 17924.

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

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