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Zuschläge

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Apolipoprotein KV domain (67-77)

Cat. No.:	HY-P10521
CAS No.:	515170-17-9
Molecular Formula:	C ₆₇ H ₉₈ N ₁₆ O ₁₈ S
Molecular Weight:	1447.66
Sequence:	Tyr-Thr-Met-Asn-Pro-Arg-Lys-Leu-Phe-Asp-Tyr
Sequence Shortening:	YTMNPRKLFDY
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Apolipoprotein KV domain (67-77) is an 11-amino acid peptide identified from the KV domain of human apolipoprotein a (ApoA) with antiangiogenic and antitumor activities. Apolipoprotein KV domain (67-77) targets the angiogenic c-Src/ERK pathway by blocking activation signals received from vascular endothelial growth factor (VEGF). Apolipoprotein KV domain (67-77) can be used in cancer research^[1].

REFERENCES

[1]. Yi Z F, et al. A novel peptide from human apolipoprotein (a) inhibits angiogenesis and tumor growth by targeting c-Src phosphorylation in VEGF-induced human umbilical endothelial cells[J]. International Journal of Cancer, 2009, 124(4): 843-852.

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

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