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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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T3 Peptide

Cat. No.:	HY-P10320
Molecular Formula:	C ₁₀₉ H ₁₅₉ N ₂₇ O ₂₉ S ₃
Molecular Weight:	2407.79
Sequence:	Leu-Gln-Arg-Phe-Thr-Thr-Met-Pro-Phe-Leu-Phe-Cys-Asn-Val-Asn-Asp-Val-Cys-Asn-Phe (Disulfide bridge: Cys12-Cys18)
Sequence Shortening:	LQRFTTMPFLFCNVNDVCNF (Disulfide bridge: Cys12-Cys18)
Target:	PI3K; Akt
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

T3 Peptide is an active fragment of tumstatin. T3 Peptide binds integrin $\alpha_v\beta_3/\alpha_v\beta_5$, activates the PI3K/Akt/p70S6K signaling pathway, and thus stimulates the proliferation and migration of rat cardiac fibroblasts^[1].

REFERENCES

[1]. Yasuda J, et al., T3 peptide, a fragment of tumstatin, stimulates proliferation and migration of cardiac fibroblasts through activation of Akt signaling pathway. Naunyn-Schmiedeberg's Arch Pharmacol. 2017 Nov;390(11):1135-1144.

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

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