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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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TRPV1-Tat

Cat. No.:	HY-P10465
Molecular Formula:	C ₁₂₇ H ₂₀₆ N ₅₀ O ₂₉ S
Molecular Weight:	2929.38
Sequence:	Lys-Asp-Asp-Tyr-Arg-Trp-Cys-Phe-Arg-Val-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg
Sequence Shortening:	KDDYRWCFRVYGRKKRRQRRR
Target:	TRP Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

TRPV1-Tat is an antagonistic peptide that fuses the TRPV1 (transient receptor potential vanilla subtype 1) of the cell-penetrating peptide Tat. TRPV1-Tat blocks this phosphorylation process by competitively binding to the AKAP79 binding site of TRPV1, thereby inhibiting the sensitization of TRPV1. TRPV1-Tat can be used in the study of inflammatory pain^[1].

REFERENCES

[1]. Fischer M J M, et al. Disrupting sensitization of transient receptor potential vanilloid subtype 1 inhibits inflammatory hyperalgesia[J]. Journal of Neuroscience, 2013, 33(17): 7407-7414.

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

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