



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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DV1

Cat. No.:	HY-P10427
Molecular Formula:	C ₁₀₈ H ₁₇₀ N ₃₄ O ₂₆ S ₂
Molecular Weight:	2424.85
Sequence:	d-(Leu-Gly-Ala-Ser-Trp-His-Arg-Pro-Asp-Lys-Cys-Cys-Leu-Gly-Tyr-Gln-Lys-Arg-Pro-Leu-Pro)-NH ₂
Sequence Shortening:	d-(LGASWHRPDKCCLGYQKRPLP)-NH ₂
Target:	CXCR; HIV
Pathway:	GPCR/G Protein; Immunology/Inflammation; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

DV1 is a selective antagonist for CXC chemokine receptor 4 (CXCR4). DV1 exhibits antiviral activity by blocking HIV-1 entry through the CXCR4 co-receptor. DV1 is stable in rat plasma and exhibits good pharmacokinetic characteristics in rat models [1].

REFERENCES

[1]. Zhu Y, et al., LC-MS/MS assay for the determination of a novel D-peptide antagonist of CXCR4 in rat plasma and its application to a preclinical pharmacokinetic study. J Pharm Biomed Anal. 2018 Nov 30;161:159-167.

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

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