



SZABO SCANDIC

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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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EPI-X4

Cat. No.:	HY-P10415
CAS No.:	930280-31-2
Molecular Formula:	C ₈₄ H ₁₄₄ N ₂₂ O ₂₃
Molecular Weight:	1830.18
Sequence:	Leu-Val-Arg-Tyr-Thr-Lys-Lys-Val-Pro-Gln-Val-Ser-Thr-Pro-Thr-Leu
Sequence Shortening:	LVRVTKKVPQVSTPTL
Target:	CXCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	EPI-X4 (hSA408–423 peptide) is an antagonist for C-X-C motif chemokine receptor 4 (CXCR4) with IC ₅₀ of 8.6 μM. EPI-X4 blocks the CXCL12-mediated signaling, inhibits chemokine-mediated migration and invasion of leukemia cell. EPI-X4 exhibits anti-inflammatory activity in mouse model. EPI-X4 exhibits antiviral activity against CXCR4-tropic HIV with IC ₅₀ of 8.6 μM ^[1] .
IC ₅₀ & Target	CXCR4 8.6 μM (IC ₅₀)

REFERENCES

[1]. Zirafi O, et al., Discovery and characterization of an endogenous CXCR4 antagonist. Cell Rep. 2015 May 5;11(5):737-47.

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

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