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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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pCXCL8-1aa

Cat. No.:	HY-P10552
Molecular Formula:	C ₅₅ H ₉₁ N ₁₇ O ₁₇
Molecular Weight:	1262.41
Sequence:	Ac-Glu-Lys-Phe-Leu-Lys-Arg-Ala-Glu-Asn-Ser-NH ₂
Sequence Shortening:	Ac-EKFLKRAENS-NH ₂
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

pCXCL8-1aa is an anti-inflammatory peptide. pCXCL8-1aa competitively inhibits the binding of CXCL8 to glycosaminoglycans such as heparin sulfate (HS) by binding with high affinity. This reduces the presentation of CXCL8 on the surface of vascular endothelial cells, thereby inhibiting neutrophil migration and inflammatory responses. pCXCL8-1aa can be used to study inflammatory diseases such as rheumatoid arthritis^[1].

REFERENCES

[1]. McNaughton E F, et al. Novel anti-inflammatory peptides based on chemokine-glycosaminoglycan interactions reduce leukocyte migration and disease severity in a model of rheumatoid arthritis[J]. The Journal of Immunology, 2018, 200(9): 3201-3217.

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

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