

XQ2B

Cat. No.:	HY-P5997
Molecular Formula:	C ₅₉ H ₉₂ N ₁₆ O ₁₁
Molecular Weight:	1201.46
Sequence:	Cyclo({d-Phe}-Ala-Thr-Arg-Leu-{d-phe}-Pro-Val-Arg-Leu)
Sequence Shortening:	Cyclo({d-Phe}-ATRL-{d-phe}-PVRL)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

XQ2B is a cGAS inhibitor targeting protein-DNA interactions and phase separation. XQ2B inhibits herpes simplex virus 1 (HSV-1)-induced antiviral immune responses and enhances HSV-1 infection in vitro and in vivo^[1].

REFERENCES

[1]. Wang X, et al. Development of cyclopeptide inhibitors of cGAS targeting protein-DNA interaction and phase separation. Nat Commun. 2023 Oct 2;14(1):6132.

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

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