

LXJ-02

Cat. No.:	HY-P6183
CAS No.:	2672508-37-9
Molecular Formula:	C ₉₄ H ₁₅₉ N ₁₉ O ₃₄
Molecular Weight:	2099.37
Sequence:	{PEG2-PEG2}-{gamma-Glu}-{CO(CH ₂) ₁₈ CO ₂ H)}-Val-{Iva}-Gly-Ser-Pro-Ser-Ala-Gln-Glu-Glu-Ala-Ser-Pro-Ala-NH ₂
Sequence Shortening:	{PEG2-PEG2}-{gamma-Glu}-{CO(CH ₂) ₁₈ CO ₂ H)}-V-{Iva}-GSPSAQEEASPA-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

LXJ-02 is a potent inhibitor of EDPs/EBP peptide-protein interaction, with the K_D of 117 μ M for EDPs. LXJ-02 activates the macrophage-MMP-12 axis to increase MMP-12 expression and degrade ECM components like elastin^[1].

REFERENCES

[1]. Yixiang Wang, et al. Design and Synthesis of Novel Ultralong-Acting Peptides as EDP-EBP Interaction Inhibitors for Pulmonary Fibrosis Treatment. J Med Chem. 2024 Apr 25;67(8):6624-6637.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA