

JB-95

Cat. No.:	HY-P5753
CAS No.:	1873323-60-4
Molecular Formula:	C ₉₂ H ₁₅₁ N ₃₅ O ₁₄
Molecular Weight:	1971.41
Sequence:	cyclo-(Trp-Arg-Ile-Arg-Ile-{d-Arg}-Trp-Lys-Arg-Leu-Arg-Arg-{d-Pro}-Pro)
Sequence Shortening:	cyclo-(WRIRI-{d-Arg}-WKRLRR-{d-Pro}-P)
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

JB-95, a β -hairpin macrocyclic peptide, exhibits potent antimicrobial activity against Escherichia coli. JB-95 can selectively disrupt the outer membrane but not the inner membrane of E. coli^[1].

REFERENCES

[1]. Urfer M, et, al. A Peptidomimetic Antibiotic Targets Outer Membrane Proteins and Disrupts Selectively the Outer Membrane in Escherichia coli. J Biol Chem. 2016 Jan 22;291(4):1921-1932.

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

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