

TAT-JBD20

Cat. No.:	HY-P10076
Molecular Formula:	C ₁₆₈ H ₂₉₃ N ₆₇ O ₄₂
Molecular Weight:	3923.55
Sequence:	Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-Pro-Pro-Arg-Pro-Lys-Arg-Pro-Thr-Thr-Leu-Asn-Leu-Phe-Pro-Gln-Val-Pro-Arg-Ser-Gln-Asp-Thr-NH ₂
Sequence Shortening:	GRKKRRQRRRPPRPKRPTTLNLFQVPRSQDT-NH ₂
Target:	JNK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

TAT-JBD20 (L-HIV-TAT(48-57)-PP-JBD20) is a JNK peptide inhibitor. TAT-JBD20 can be used for research of diabetes^[1].

REFERENCES

[1]. Alikhani M, et al. Advanced glycation end products induce apoptosis in fibroblasts through activation of ROS, MAP kinases, and the FOXO1 transcription factor. *Am J Physiol Cell Physiol.* 2007 Feb;292(2):C850-6.

[2]. Kaneto H, et al. Oxidative stress, ER stress, and the JNK pathway in type 2 diabetes. *J Mol Med (Berl).* 2005 Jun;83(6):429-39.

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

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