

TAT-NEP1-40 TFA

Cat. No.:	HY-P5754A
Molecular Formula:	$C_{268}H_{438}N_{88}O_{77} \cdot xC_2HF_3O_2$
Sequence:	Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-Arg-Ile-Tyr-Lys-Gly-Val-Ile-Gln-Ala-Ile-Gln-Lys-Ser-Asp-Glu-Gly-His-Pro-Phe-Arg-Ala-Tyr-Leu-Glu-Ser-Glu-Val-Ala-Ile-Ser-Glu-Glu-Leu-Val-Gln-Lys-Tyr-Ser-Asn-Ser-NH ₂ <small>YGRKKRRQRRRIYKGVIAIQKSDGHPFRAYLESEVAISEELVQKYSNS-NH₂ (TFA salt)</small>
Sequence Shortening:	YGRKKRRQRRRIYKGVIAIQKSDGHPFRAYLESEVAISEELVQKYSNS-NH ₂
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

TAT-NEP1-40 TFA is a BBB-penetrable peptide. TAT-NEP1-40 TFA protects PC12 cells against oxygen and glucose deprivation (OGD), and promotes neurite outgrowth. TAT-NEP1-40 TFA also improves ischemia-induced neurologic outcomes by inhibiting cell apoptosis in ischemic brains. TAT-NEP1-40 TFA can be used for research of CNS injuries, such as axonal regeneration and functional recovery after stroke^[1].

REFERENCES

[1]. Gou X, et al. TAT-NEP1-40 as a novel therapeutic candidate for axonal regeneration and functional recovery after stroke. J Drug Target. 2011 Feb;19(2):86-95.

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