

TAT-M2NX

Cat. No.:	HY-P5883
CAS No.:	2126166-03-6
Molecular Formula:	C ₁₉₀ H ₃₂₃ N ₇₁ O ₄₅ S
Molecular Weight:	4354.11
Sequence:	Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-Gly-Ser-Arg-Glu-Pro-Gly-Glu-Met-Leu-Pro-Arg-Lys-Leu-Lys-Arg-Val-Leu-Arg-Gln-Glu-Phe-Trp-Val
Sequence Shortening:	YGRKKRRQRRRGSREPGEMLPKLRVLRQEFVW
Target:	TRP Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	TAT-M2NX (tatM2NX) is a TRPM2 inhibitor with specific neuroprotective activity in male mice. TAT-M2NX can be used to study ischemic neuronal damage ^[1] .
IC ₅₀ & Target	TRPM2 ^[1] .

REFERENCES

[1]. Shimizu T, et al. Extended therapeutic window of a novel peptide inhibitor of TRPM2 channels following focal cerebral ischemia. *Exp Neurol*. 2016 Sep;283(Pt A):151-6.

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