

Tat-GluR23Y, scrambled TFA

Cat. No.:	HY-P4106A
Molecular Formula:	$C_{115}H_{185}N_{43}O_{29} \cdot xC_2HF_3O_2$
Sequence:	Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-Val-Tyr-Lys-Tyr-Gly-Gly-Tyr-Asn-Glu
Sequence Shortening:	YGRKKRRQRRRVYKGGYNE YGRKKRRQRRRVYKGGYNE (TFA salt)
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 100 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	Tat-GluR23Y, scrambled TFA is the scrambled peptide of Tat-GluR23Y (HY-P2259). Tat-GluR23Y is a synthetic peptide containing tyrosine residues that inhibit AMPAR endocytosis and is effective in the research of long-term depression (LTD) ^[1] .
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REFERENCES

[1]. Ashourpour F, et al. Chronic administration of Tat-GluR23Y ameliorates cognitive dysfunction targeting CREB signaling in rats with amyloid beta neurotoxicity. *Metab Brain Dis.* 2021 Apr;36(4):701-709.

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

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