

## Tat-HA-NR2B9c

<b>Cat. No.:</b>	HY-P5947
<b>Molecular Formula:</b>	C <sub>169</sub> H <sub>269</sub> N <sub>55</sub> O <sub>50</sub>
<b>Molecular Weight:</b>	3871.28
<b>Sequence:</b>	Pro-Gly-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-Gly-Tyr-Pro-Tyr-Asp-Val-Pro-Asp -Tyr-Ala-Gly-Lys-Leu-Ser-Ser-Ile-Glu-Ser-Asp-Val
<b>Sequence Shortening:</b>	PGYGRKRRRQRRRGYPYDVPDYAGKLSIESDV
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Tat-HA-NR2B9 contains a fragment of the cellmembrane transduction domain of HIV-1 Tat, a influenza virus hemagglutinin (HA) epitope-tag, and the C-terminal 9 amino acids of NR2B (NR2B9c). Tat-HA-NR2B9 reduces infarct size and improves neurological functions in ischemia-induced cerebral injury in the rats<sup>[1]</sup>

### REFERENCES

[1]. Zhou HH, et al. Cloning, expression, and purification of a recombinant Tat-HA-NR2B9c peptide. Protein Expr Purif. 2012 Oct;85(2):239-45.

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

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