

## VSGLNPSLWSIFGLQFILLWLVSRSRHYLW TFA

Cat. No.:	HY-P3431A
Molecular Formula:	C <sub>173</sub> H <sub>251</sub> F <sub>3</sub> N <sub>40</sub> O <sub>41</sub>
Molecular Weight:	3604.08
Sequence Shortening:	VSGLNPSLWSIFGLQFILLWLVSRSRHYLW
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	VSGLNPSLWSIFGLQFILLWLVSRSRHYLW (TFA) is a 30-amino-acid peptide mimicking the C-terminal domain of $\alpha 2\delta$ -1, termed as $\alpha 2\delta$ -1Tat peptide. VSGLNPSLWSIFGLQFILLWLVSRSRHYLW can effectively interrupt the $\alpha 2\delta$ -1 - NMDAR interaction in vitro and in vivo. VSGLNPSLWSIFGLQFILLWLVSRSRHYLW can be used for researching neuropathic pain <sup>[1]</sup> .
IC <sub>50</sub> & Target	$\alpha 2\delta$ -1 <sup>[1]</sup>

### REFERENCES

[1]. Chen Y, et al. Increased  $\alpha 2\delta$ -1-NMDA receptor coupling potentiates glutamatergic input to spinal dorsal horn neurons in chemotherapy-induced neuropathic pain. J Neurochem.

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

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