

## VSGLNPSLWSIFGLQFILLWLVSRSRHYLW

Cat. No.:	HY-P3431
CAS No.:	2279952-25-7
Molecular Formula:	C <sub>171</sub> H <sub>250</sub> N <sub>40</sub> O <sub>39</sub>
Molecular Weight:	3490.06
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 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.**

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