

ω-Conotoxin CVID

Cat. No.:	HY-P10025
CAS No.:	247207-64-3
Molecular Formula:	C ₁₀₇ H ₁₇₉ N ₃₅ O ₃₆ S ₇
Molecular Weight:	2756.23
Sequence:	Cys-Lys-Ser-Lys-Gly-Ala-Lys-Cys-Ser-Lys-Leu-Met-Tyr-Asp-Cys-Cys-Ser-Gly-Ser-Cys-Ser-Gly-Thr-Val-Gly-Arg-Cys-NH ₂ (Disulfide bridge:Cys1-Cys16,Cys8-Cys20,Cys15-Cys27)
Sequence Shortening:	CKSKGAKCSKLMYDCCSGSCSGTVGRC-NH ₂ (Disulfide bridge:Cys1-Cys16,Cys8-Cys20,Cys15-Cys27)
Target:	Calcium 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

ω-Conotoxin CVID (Leconotide, AM336, CNSB004) blocks neuronal voltage sensitive calcium channel^[1].

REFERENCES

[1]. Anton Kolosov, et al. CNSB004 (Leconotide) Causes Antihyperalgesia Without Side Effects When Given Intravenously: A Comparison with Ziconotide in a Rat Model of Diabetic Neuropathic Pain. *Pain Med.* 2010 Feb;11(2):262-73.

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