

Name	Ziconotide Acetate
Cat #	PP-1840
Size	1 g, 10 g, 100, g and bulk custom packages
CAS#	107452-89-1
Mol. Mass	2639.18
Formula	C ₁₀₂ H ₁₇₂ N ₃₆ O ₃₂ S ₇
Sequence	Cys-Lys-Gly-Lys-Gly-Ala-Lys-Ser-Arg-Leu-Met-Tyr-Asp-Cys-Cys-Thr-Gly-Ser-Cys-Arg-Ser-Gly-Lys-Cys-NH ₂
Purity	>95%

Ziconotide is a non-opioid, non-NSAID, non-local anesthetic used for the amelioration of chronic pain. Derived from the cone snail *Conus magus*, it is the synthetic form of the cone snail peptide ω -conotoxin M-VII-A, an N-type calcium channel blocker.

The mechanism of ziconotide has not yet been discovered in humans. Results in animal studies suggest that ziconotide blocks the N-Type calcium channels on the primary nociceptive nerves in the spinal cord.