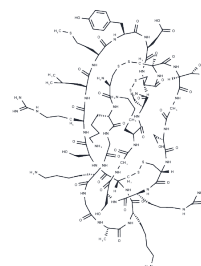


Ziconotide

Chemical Properties

CAS No. :	107452-89-1
Formula:	C102H172N36O32S7
Molecular Weight:	2639.13
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ziconotide is an atypical analgesic agent for the amelioration of severe and chronic pain. Derived from <i>Conus magus</i> , a cone snail, it is the synthetic form of an ω -conotoxin peptide.
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3789 mL	1.8946 mL	3.7891 mL
5 mM	0.0758 mL	0.3789 mL	0.7578 mL
10 mM	0.0379 mL	0.1895 mL	0.3789 mL
50 mM	0.0076 mL	0.0379 mL	0.0758 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Brinzeu A, et al. Ziconotide for spinal cord injury-related pain. *Eur J Pain*. 2019 Oct;23(9):1688-1700.

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