

Ziconotide TFA (107452-89-1 free base)

Chemical Properties

CAS No. :

Formula: C116H179F21N36O46S7

Molecular Weight: 3437.3

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Ziconotide TEA acts by binding to N-type calcium channels situated on the terminal part of primary afferent neurons of the nociceptive pathway therefore reducing synaptic transmission with potent antinociceptive effects.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2909 mL	1.4546 mL	2.9093 mL
5 mM	0.0582 mL	0.2909 mL	0.5819 mL
10 mM	0.0291 mL	0.1455 mL	0.2909 mL
50 mM	0.0058 mL	0.0291 mL	0.0582 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481