

$\mu$ -Conotoxin-CnIIIc acetate

## Chemical Properties

CAS No. :

Formula: C<sub>92</sub>H<sub>139</sub>N<sub>35</sub>O<sub>28</sub>S<sub>6</sub>.xC<sub>2</sub>H<sub>4</sub>O<sub>2</sub>

Molecular Weight:

Store at low temperature, 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	$\mu$ -Conotoxin-CnIIIc acetate is a potent NaV1.4 sodium channel antagonist, a conotoxin peptide consisting of 22 amino acids, used for muscle relaxation and pain relief.
Targets(IC50)	Sodium Channel

## Solubility Information

Solubility	H <sub>2</sub> O: 80 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Del Río-Sancho S, et al. Cutaneous iontophoresis of  $\mu$ -conotoxin CnIIIc-A potent NaV1.4 antagonist with analgesic, anaesthetic and myorelaxant properties. Int J Pharm. 2017 Feb 25;518(1-2):59-65.

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