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## Product Data Sheet

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Product Name:  $\omega$ -Conotoxin MVIIA

Cat. No.: GA24016

### Chemical Properties

Cas. No. 107452-89-1

Formula  $C_{102}H_{172}N_{36}O_{32}S_7$

M.Wt 2639.17

Solubility Soluble in DMSO

Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure

### Background

$\omega$ -Conotoxin MVIIA, originally isolated from the venom of the fish-hunting cone snail *Conus magus*, is a blocker of voltage-sensitive  $Ca^{2+}$  channels in neurons. The peptide has been used to identify different  $Ca^{2+}$  channel subtypes in amphibi

**Caution: Product has not been fully validated for medical applications. For research use only.**

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