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**Product Data Sheet**

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Product Name:  $\alpha$ -Conotoxin MI

Cat. No.: GA23988

**Chemical Properties**

Cas. No. 88217-10-1

Formula  $C_{58}H_{88}N_{22}O_{17}S_4$ 

M.Wt

1493.74

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**

$\alpha$ -Conotoxin MI has been isolated from the venom of the sea snail *Conus imperialis*. The conotoxin is a ligand for nicotinic acetylcholine receptors. It is highly active against the neuromuscular receptor in frogs but not in mice.

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

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