
Product Data Sheet

Product Name: AmmTX3

Cat. No.: GC50227

Chemical Properties

Cas. No.

Formula $C_{158}H_{262}N_{50}O_{48}S_6$

M.Wt 3822.47

Solubility Soluble in DMSO

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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**

KV4 channel blocker. Blocks A-type K⁺ current (ISA) in mouse cerebellar granule neurons. The accessory dipeptidyl peptidase-like proteins (DPP) 6 and 10 are required for blockade.

Maffie et al (2013) Dipeptidyl-peptidase-like-proteins confer high sensitivity to the scorpion toxin AmmTX3 to Kv4-mediated A-type K⁺ channels. J.Physiol. 591 2419 PMID:23440961

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

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