α-Dendrotoxin

K^+ channel blocker

α-Dendrotoxin is isolated from *Dendroaspis angusticeps* snake venom, by modification of the procedures of Harvey and Benishin and purified to homogeneity. α-Dendrotoxin blocks K_v1.1 and K_v1.2 channels (IC_{50}= 0.4 to 4 and 1.1 to 12 nM in oocytes respectively, with higher values for mammalian cells). In addition, the toxin was shown to block also K_v1.6 (IC_{50}= 9-25 nM).

Ordering Information

Order Online »

BML-KC167-0140	140µg

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Lyophilized solid.
CAS	74504-53-3
MW	7048.1
Purity	≥98% (HPLC)
Sequence	Gln-Pro-Arg-Arg-Lys-Leu-Cys-Ile-Leu-His-Arg-Asn-Pro-Gly-Arg-Cys-Tyr-Asp-Lys-Ile-Pro-Ala-Phe-Tyr-Tyr-Asn-Gln-Lys-Lys-Lys-Gln-Cys-Glu-Arg-Phe-Asp-Trp-Ser-Gly-Cys-Gly-Gly-Asn-Ser-Asn-Arg-Phe-Lys-Thr-Ile-Glu-Glu-Cys-Arg-Arg-Thr-Cys-Ile-Gly
Solubility	Soluble in any aqueous buffer. Please centrifuge all product preparations at 10000 x g for 5 minutes before reconstitution.

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