

## MmTx1 toxin

Cat. No.:	HY-P5860
Molecular Formula:	C <sub>295</sub> H <sub>455</sub> N <sub>95</sub> O <sub>97</sub> S <sub>10</sub>
Molecular Weight:	7205
Sequence:	Leu-Thr-Cys-Lys-Thr-Cys-Pro-Phe-Thr-Thr-Cys-Pro-Asn-Ser-Glu-Ser-Cys-Pro-Gly-Gly-G In-Ser-Ile-Cys-Tyr-Gln-Arg-Lys-Trp-Glu-Glu-His-Arg-Gly-Glu-Arg-Ile-Glu-Arg-Arg-Cys-Va l-Ala-Asn-Cys-Pro-Ala-Phe-Gly-Ser-His-Asp-Thr-Ser-Leu-Leu-Cys-Cys-Thr-Arg-Asp-Asn- Cys-Asn (Disulfide bridge: Cys3-Cys24,Cys6-Cys11,Cys17-Cys41,Cys45-Cys57,Cys58-Cy s63)
Sequence Shortening:	LTCKTCPFTTCPNSESCPGGQSICYQRKWEHRGERIERRCVANCPAFGSHDTSLLCCTRDNC N (Disulfide bridge: Cys3-Cys24,Cys6-Cys11,Cys17-Cys41,Cys45-Cys57,Cys58-Cys63)
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	MmTx1 toxin (Micrurotoxin 1) is an allosteric GABA <sub>A</sub> receptor modulator that increases GABA <sub>A</sub> receptor susceptibility to agonist <sup>[1]</sup> .
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### REFERENCES

[1]. Rosso JP, et al. MmTX1 and MmTX2 from coral snake venom potently modulate GABAA receptor activity. Proc Natl Acad Sci U S A. 2015 Feb 24;112(8):E891-900.

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

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