

α-Pompilidotoxin

Cat. No.:	HY-P5859
CAS No.:	202075-91-0
Molecular Formula:	C ₇₁ H ₁₂₄ N ₂₀ O ₁₇
Molecular Weight:	1529.87
Sequence:	Arg-Ile-Lys-Ile-Gly-Leu-Phe-Asp-Gln-Leu-Ser-Lys-Leu-NH ₂
Sequence Shortening:	RIKIGLFDQLSKL-NH ₂
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

α-Pompilidotoxin (α-PMTX) is a neurotoxin that can be obtained from the venom of *Anoplius safnariensis*. α-Pompilidotoxin reversibly and dose-dependently enhances excitatory postsynaptic currents (EPSCs). α-Pompilidotoxin is a useful tool in the field of neuroscience research^[1].

REFERENCES

[1]. Konno K, et al. Alpha-pompilidotoxin (alpha-PMTX), a novel neurotoxin from the venom of a solitary wasp, facilitates transmission in the crustacean neuromuscular synapse. *Neurosci Lett.* 1997 Dec 5;238(3):99-102.

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

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