

Urotoxin

Cat. No.:	HY-P5920
Molecular Formula:	C ₁₆₁ H ₂₆₀ N ₅₂ O ₅₀ S ₉
Molecular Weight:	4012.69
Sequence:	Gly-Asp-Ile-Lys-Cys-Ser-Gly-Thr-Arg-Gln-Cys-Trp-Gly-Pro-Cys-Lys-Lys-Gln-Thr-Thr-Cys-Thr-Asn-Ser-Lys-Cys-Met-Asn-Gly-Lys-Cys-Lys-Cys-Tyr-Gly-Cys-Val-NH ₂ (Disulfide bridge: Cys5-Cys26, Cys11-Cys31, Cys15-Cys33, Cys21-Cys36)
Sequence Shortening:	GDIKCSGTRQCWGPCKKQTTCTNSKCMNGKCKCYGCV-NH ₂ (Disulfide bridge: Cys5-Cys26, Cys11-Cys31, Cys15-Cys33, Cys21-Cys36)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Urotoxin is an inhibitor of the potassium channel. Urotoxin has a selective affinity for hKv1.2 channel ^[1] .
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REFERENCES

[1]. Karen Luna-Ramírez, et al. Structure, molecular modeling, and function of the novel potassium channel blocker urotoxin isolated from the venom of the Australian scorpion *Urodacus yaschenkoi*. *Mol Pharmacol*. 2014, 86, 1.

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

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