

## AaHI

Cat. No.:	HY-P5851
CAS No.:	820981-26-8
Molecular Formula:	C <sub>293</sub> H <sub>452</sub> N <sub>82</sub> O <sub>89</sub> S <sub>8</sub>
Molecular Weight:	6803.8
Sequence:	Lys-Arg-Asp-Gly-Tyr-Ile-Val-Tyr-Pro-Asn-Asn-Cys-Val-Tyr-His-Cys-Val-Pro-Pro-Cys-Asp-Gly-Leu-Cys-Lys-Lys-Asn-Gly-Gly-Ser-Ser-Gly-Ser-Cys-Ser-Phe-Leu-Val-Pro-Ser-Gly-Leu-Ala-Cys-Trp-Cys-Lys-Asp-Leu-Pro-Asp-Asn-Val-Pro-Ile-Lys-Asp-Thr-Ser-Arg-Lys-Cys-Thr (Disulfide bridge:Cys12-Cys62;Cys16-Cys34;Cys20-Cys44;Cys24-Cys46)
Sequence Shortening:	KRDGYIVYPNNCVYHCVPDCGLCKKNGSSGSCSFLVPSGLACWCKDLPDNPVKDTSRKCT (Disulfide bridge:Cys12-Cys62;Cys16-Cys34;Cys20-Cys44;Cys24-Cys46)
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

AaHI is a neurotoxin that can be obtained from the venom of the North African scorpion *Androctonus australis hector*. AaHI can be used as a tool for the development of active substances with toxin-neutralizing capabilities<sup>[1]</sup>.

### REFERENCES

[1]. Devaux C, et al. Construction and functional evaluation of a single-chain antibody fragment that neutralizes toxin AaHI from the venom of the scorpion *Androctonus australis hector*. *Eur J Biochem*. 2001 Feb;268(3):694-702.

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

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