

## Deamino-pterinotoxin-1

Cat. No.:	HY-P5944
Molecular Formula:	C <sub>163</sub> H <sub>250</sub> N <sub>48</sub> O <sub>54</sub> S <sub>7</sub>
Molecular Weight:	3970.47
Sequence:	Asp-Asp-Cys-Leu-Gly-Met-Phe-Ser-Ser-Cys-Asp-Pro-Asp-Asn-Asp-Lys-Cys-Cys-Glu-Gly-Arg-Lys-Cys-Asn-Arg-Lys-Asp-Lys-Trp-Cys-Lys-Tyr-Val-Leu (Disulfide bridge: Cys3-Cys18, Cys10-Cys23 and Cys17-Cys30)
Sequence Shortening:	DDCLGMFSSCDPDNDKCCEGRKCNRKDKWCKYVL (Disulfide bridge: Cys3-Cys18, Cys10-Cys23 and Cys17-Cys30)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Deamino-pterinotoxin-1 is a peptide toxin synthesized from the deamination of pterinotoxin-1 (HY-5943) <sup>[1]</sup> .
IC <sub>50</sub> & Target	others

### REFERENCES

[1]. Xuanmao Chen, et al. The Tarantula Toxin Psalmotoxin 1 Inhibits Acid-sensing Ion Channel (ASIC) 1a by Increasing Its Apparent H<sup>+</sup> Affinity. J Gen Physiol.2005 Jul;126(1):71-9.

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

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