

Latartoxin-1a

Cat. No.:	HY-P5176
Molecular Formula:	$C_{278}H_{450}N_{84}O_{84}S_8$
Molecular Weight:	6569.58
Sequence:	Glu-Cys-Ile-Pro-Thr-Lys-His-Asp-Cys-Thr-Asn-Asp-Arg-Lys-Asn-Cys-Cys-Pro-Gly-His-Glu-Cys-Lys-Cys-Tyr-Asn-Thr-Gln-Ile-Gly-Gly-Ser-Lys-Lys-Glu-Gln-Cys-Gly-Cys-Lys-Lys-Ser-Leu-Leu-Ala-Lys-Ala-Lys-Asn-Phe-Gly-Gly-Lys-Val-Ile-Thr-Ile-Phe-Lys-Ala (Disulfide bridge: Cys2-Cys17; Cys9-Cys22; Cys16-Cys39; Cys24-Cys37)
Sequence Shortening:	ECIPTKHDCTNDRKNCCPGHECKYNTQIGGSKKEQCGCKKSLAKAKNFGGKVITIFKA (Disulfide bridge: Cys2-Cys17; Cys9-Cys22; Cys16-Cys39; Cys24-Cys37)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Latartoxin-1a (LtTx-1a) is a peptide toxin can be isolated from *L. tarabaevi*. Latartoxin-1a is paralytic and lethal to insects and has membrane-bound activity^[1].

REFERENCES

[1]. Kuzmenkov AI, et al. Cysteine-rich toxins from *Lachesana tarabaevi* spider venom with amphiphilic C-terminal segments. *Biochim Biophys Acta*. 2013 Feb;1828(2):724-31.

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

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