

LiTx3

Cat. No.:	HY-P5151
Molecular Formula:	C ₂₃₀ H ₃₅₀ N ₇₄ O ₇₁ S ₁₁
Molecular Weight:	5640.41
Sequence:	Gly-Cys-Ile-Lys-Tyr-Gly-Asp-Arg-Cys-Gly-Ser-Pro-His-Gly-Leu-Pro-Ser-Asn-Cys-Cys-Asn-Asp-Trp-Lys-Tyr-Lys-Gly-Arg-Cys-Gly-Cys-Thr-Met-Gly-Val-Cys-Thr-Cys-Gly-Pro-Asn-Cys-Pro-Ser-Arg-Gly-Cys-Asp-Trp-Ser-Lys-Lys-Gly (Disulfide bridge: Cys2-Cys20, Cys9-Cys29, Cys19-Cys38, Cys31-Cys36)
Sequence Shortening:	GCIKYGDRCGSPHGLPSNCCNDWKYKGRGCTMGVCTCGPNCPSRGCDWSKKG (Disulfide bridge: Cys2-Cys20, Cys9-Cys29, Cys19-Cys38, Cys31-Cys36)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

LiTx3 is a lethal and cysteine-rich peptide. LiTx3 can be isolated from *L. intermedia* crude venom. LiTx3 induces flaccid paralysis in *Spodoptera frugiperda* larvae^[1].

REFERENCES

[1]. Matsubara FH, et al. Insecticidal activity of a recombinant knottin peptide from *Loxosceles intermedia* venom and recognition of these peptides as a conserved family in the genus. *Insect Mol Biol.* 2017 Feb;26(1):25-34.

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

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