ChTX-Lq2

Cat. No.:	HY-P5901
Molecular Formula:	$C_{177}H_{280}N_{60}O_{55}S_7$
Molecular Weight:	4352.94
Sequence:	Gln-Phe-Thr-Gln-Glu-Ser-Cys-Thr-Ala-Ser-Asn-Gln-Cys-Trp-Ser-Ile-Cys-Lys-Arg-Leu-His-Asn-Thr-Asn-Arg-Gly-Lys-Cys-Met-Asn-Lys-Lys-Cys-Arg-Cys-Tyr-Ser (Disulfide bridge: Cys7-Cys28,Cys13-Cys33,Cys17-Cys35)
Sequence Shortening:	QFTQESCTASNQCWSICKRLHNTNRGKCMNKKCRCYS (Disulfide bridge: Cys7-Cys28,Cys13-Cys33,Cys17-Cys35)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	ChTX-Lq2 is a Ca^{2+}-activated K^+ efflux inhibitor with a K_d of 43 nM[1].
IC_{50} & Target	Kd: 43 nM (Ca^{2+}-activated K^+ efflux)[1]

REFERENCES

[1]. Lucchesi K, et al. Analysis of the blocking activity of charybdotoxin homologs and iodinated derivatives against Ca2+-activated K+ channels. J Membr Biol. 1989 Aug;109(3):269-81.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA