

Biotin- α -Bungarotoxin

Cat. No.:	HY-P1264F1
Molecular Formula:	C ₃₄₈ H ₅₄₃ N ₉₉ O ₁₀₇ S ₁₂
Molecular Weight:	8210.41
Sequence:	{Biotin}-Ile-Val-Cys-His-Thr-Thr-Ala-Thr-Ser-Pro-Ile-Ser-Ala-Val-Thr-Cys-Pro-Pro-Gly-Glu-Asn-Leu-Cys-Tyr-Arg-Lys-Met-Trp-Cys-Asp-Ala-Phe-Cys-Ser-Ser-Arg-Gly-Lys-Val-Val-Glu-Leu-Gly-Cys-Ala-Ala-Thr-Cys-Pro-Ser-Lys-Lys-Pro-Tyr-Glu-Glu-Val-Thr-Cys-Cys-Ser-Thr-Asp-Lys-Cys-Asn-Pro-His-Pro-Lys-Gln-Arg-Pro-Gly (Disulfide bridge: Cys3-Cys23;Cys16-Cys44;Cys29-Cys33;Cys48-Cys59;Cys60-Cys65)
Sequence Shortening:	{Biotin}-IVCHTTATSPISAVTCPPGENLCYRKMWCDAFCSSRGKVELGCAATCPSKPYEEVTCCSTDKCNPHPKQRPG (Disulfide bridge: Cys3-Cys23;Cys16-Cys44;Cys29-Cys33;Cys48-Cys59;Cys60-Cys65)
Target:	nAChR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Biotin- α -Bungarotoxin is the Biotin labelled α -Bungarotoxin (HY-P1264). α -Bungarotoxin is a competitive antagonist at nicotinic acetylcholine receptors (nAChRs) ^[1] .
-------------	--

REFERENCES

[1]. Hannan S, et al. Snake neurotoxin α -bungarotoxin is an antagonist at native GABA(A) receptors. *Neuropharmacology*. 2015;93:28-40.

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

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