

μ-Conotoxin BullIC

Cat. No.:	HY-P5861
CAS No.:	1400096-08-3
Molecular Formula:	C ₁₁₆ H ₁₈₉ N ₄₉ O ₃₄ S ₆
Molecular Weight:	3006.44
Sequence:	Ile-Val-Asp-Arg-Cys-Cys-Asn-Lys-Gly-Asn-Gly-Lys-Arg-Gly-Cys-Ser-Arg-Trp-Cys-Arg-Asp-His-Ser-Arg-Cys-Cys-NH ₂ (Disulfide bridge:Cys5-Cys19, Cys6-Cys25, Cys15-Cys26)
Sequence Shortening:	IVDRCCNKGNGKRGCSRWC RDHSRCC-NH ₂ (Disulfide bridge:Cys5-Cys19, Cys6-Cys25, Cys15-Cys26)
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	μ-Conotoxin BullIC (Mu-Conotoxin BullIC) is a potent Na _v 1.4 inhibitor ^[1] .
IC ₅₀ & Target	Na _v 1.4 ^[1]

REFERENCES

[1]. Holford M, et al. Pruning nature: Biodiversity-derived discovery of novel sodium channel blocking conotoxins from *Conus bullatus*. *Toxicol.* 2009 Jan;53(1):90-8.

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

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