

μ-Conotoxin BullIB

Cat. No.:	HY-P5862
CAS No.:	1400096-06-1
Molecular Formula:	C ₁₀₆ H ₁₇₂ N ₄₆ O ₃₀ S ₆
Molecular Weight:	2763.18
Sequence:	Val-Gly-Glu-Arg-Cys-Cys-Lys-Asn-Gly-Lys-Arg-Gly-Cys-Gly-Arg-Trp-Cys-Arg-Asp-His-Ser-Arg-Cys-Cys-NH ₂ (Disulfide bridge:Cys5-Cys17, Cys6-Cys23, Cys13-Cys24)
Sequence Shortening:	VGERCKNGKRGCGRWRDHSRCC-NH ₂ (Disulfide bridge:Cys5-Cys17, Cys6-Cys23, Cys13-Cys24)
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 BullIB (Mu-Conotoxin BullIB) is a mammalian neuronal voltage-gated sodium channel (VGSC) blocker. μ-Conotoxin BullIB can be obtained from the venom of Cone snails and is a probe for ion channel function research. μ-Conotoxin BullIB can be used in the study of neurological diseases such as pain^[1].

REFERENCES

[1]. Kuang Z, et al. Mammalian neuronal sodium channel blocker μ-conotoxin BullIB has a structured N-terminus that influences potency. ACS Chem Biol. 2013;8(6):1344-51.

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

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