

α-Conotoxin AuIA

Cat. No.:	HY-P5844
CAS No.:	216299-20-6
Molecular Formula:	C ₇₂ H ₉₆ N ₁₈ O ₂₄ S ₄
Molecular Weight:	1725.9
Sequence:	Gly-Cys-Cys-Ser-Tyr-Pro-Pro-Cys-Phe-Ala-Thr-Asn-Ser-Asp-Tyr-Cys-NH ₂ (Disulfide bridge:Cys2-Cys8, Cys3-Cys16)
Sequence Shortening:	GCCSYPPCFATNSDYC-NH ₂ (Disulfide bridge:Cys2-Cys8, Cys3-Cys16)
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	α-Conotoxin AuIA is a potent and selective α3β4 n-nAChR inhibitor. α-Conotoxin AuIA is a α-conotoxin that can be isolated from <i>Conus aulicus</i> ^[1] .
IC ₅₀ & Target	α3β4 Receptor ^[1]

REFERENCES

[1]. Janes RW. alpha-Conotoxins as selective probes for nicotinic acetylcholine receptor subclasses. *Curr Opin Pharmacol*. 2005 Jun;5(3):280-92.

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