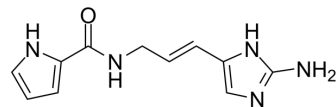


Clathroдин

Cat. No.:	HY-116436
CAS No.:	135383-64-1
Molecular Formula:	C ₁₁ H ₁₃ N ₅ O
Molecular Weight:	231.25
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

Clathroдин is a marine alkaloid that can be isolated from sponges of the genus, Agelas. Clathroдин is a modulator of voltage-gated sodium (NaV) channels. Clathroдин is a sodium channel neurotoxin influencing sodium channel ionic conductance^[1] [2].

REFERENCES

[1]. Rentas AL, et al. Effect of alkaloid toxins from tropical marine sponges on membrane sodium currents. *Toxicol.* 1995 Apr;33(4):491-7.

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

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