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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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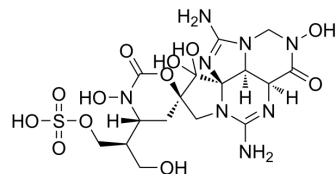
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Atelopidtoxin

Cat. No.:	HY-126645
CAS No.:	9061-57-8
Molecular Formula:	C ₁₆ H ₂₄ N ₈ O ₁₂ S
Molecular Weight:	552.47
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

Atelopidtoxin (zetekitoxin) is a toxin (LD₅₀=0.016 mg/kg for mice), which can be isolated from Panamanian frog *Atelopus zeteki*. Atelopidtoxin causes hypotension and ventricular fibrillation in rabbits. Atelopidtoxin an inhibitor for sodium channel^{[1][2]}.

REFERENCES

[1]. Yotsu-Yamashita M, et al. The structure of zetekitoxin AB, a saxitoxin analog from the Panamanian golden frog *Atelopus zeteki*: a potent sodium-channel blocker. *Proc Natl Acad Sci U S A*. 2004 Mar 30;101(13):4346-51.

[2]. Shindelman J, et al., Atelopidtoxin from the Panamanian frog, *Atelopus zeteki*. *Toxicon*. 1969 Dec;7(4):315-9.

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

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