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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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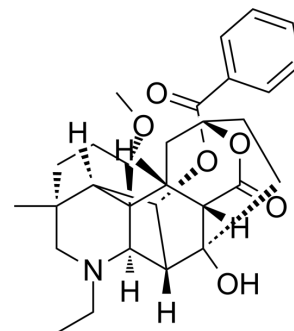
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6-Benzoylheteratisine

Cat. No.:	HY-N9404
CAS No.:	99759-48-5
Molecular Formula:	C ₂₉ H ₃₇ NO ₆
Molecular Weight:	495.61
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

6-Benzoylheteratisine is an Aconitum alkaloid with potential neuroprotective activity. 6-Benzoylheteratisine can antagonize tetrodotoxin, inhibit the increase of [Na⁺]_i, [Ca²⁺]_i and glutamate release, and block sodium channels. 6-Benzoylheteratisine has an inhibitory effect on the neuronal activity underlying epileptiform burst discharge^{[1][2]}.

REFERENCES

- [1]. Gutser UT, et al. The alkaloid 6-benzoylheteratisine inhibits voltage-gated Na⁺ channels in rat brain synaptosomes. *Neuropharmacology*. 1998 Sep;37(9):1139-46.
- [2]. Ameri A. Effects of the alkaloids 6-benzoylheteratisine and heteratisine on neuronal activity in rat hippocampal slices. *Neuropharmacology*. 1997 Aug;36(8):1039-46.

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

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