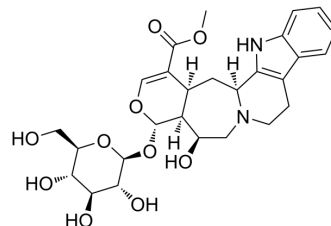


3 α -Dihydrocadambine

Cat. No.:	HY-N4209
CAS No.:	54483-84-0
Molecular Formula:	C ₂₇ H ₃₄ N ₂ O ₁₀
Molecular Weight:	546.57
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

3 α -Dihydrocadambine is a natural product isolated from the heartwoods of *Anthocephalus cadamba*. 3 α -Dihydrocadambine exhibits dose-dependent hypotensive and anti-hypertensive effects in anesthetized normotensive rats and in conscious spontaneously hypertensive rats^{[1][2]}.

REFERENCES

- [1]. Takayama H, et al. Gluco-indole alkaloids from *Nauclea cadamba* in Thailand and transformation of 3 alpha-dihydrocadambine into the indolopyridine alkaloid, 16-carbomethoxynaufoline. *Chem Pharm Bull (Tokyo)*. 2003;51(2):232-233.
- [2]. K Aisaka, et al. Hypotensive action of 3 alpha-dihydrocadambine, an indole alkaloid glycoside of *Uncaria hooks*. *Planta Med*. 1985 Oct;51(5):424-7.

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

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