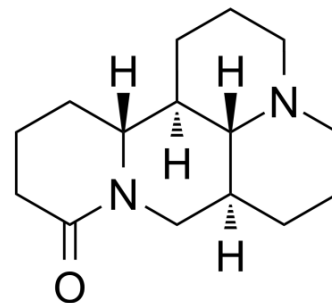


Allomatrine

Cat. No.:	HY-N0050
CAS No.:	641-39-4
Molecular Formula:	C ₁₅ H ₂₄ N ₂ O
Molecular Weight:	248.36
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Allomatrine ((+)-Allomatrine) is an alkaloid from the bark of *Sophora japonica*. Allomatrine has antinociceptive properties mediated mainly through the activation of μ -opioid receptors^{[1][2]}.

REFERENCES

- [1]. Long Pan, et al. Chemical Constituents of Alkaloids From the Bark of *Sophora Japonica*. *Zhong Yao Cai*. 2016 Sep;39(9):2027-9.
- [2]. Seiichi Kobashi, et al. Antinociceptive Effects of 1-acyl-4-dialkylaminopiperidine and 1-alkyl-4-dialkylaminopiperidine in Mice: Structure-Activity Relation Study of Matrine-Type Alkaloids. *Biol Pharm Bull*. 2002 Aug;25(8):1030-4.

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

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