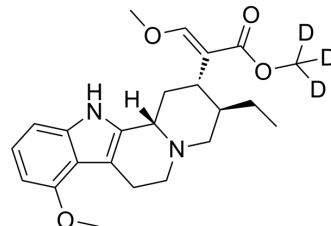


Speciogynine-d₃

| | |
|--------------------|---|
| Cat. No.: | HY-135502S |
| Molecular Formula: | C ₂₃ H ₂₇ D ₃ N ₂ O ₄ |
| Molecular Weight: | 401.51 |
| Target: | Isotope-Labeled Compounds |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Speciogynine-d₃ is a deuterium labeled Speciogynine. Speciogynine is an alkaloid that can be isolated from *Mitragyna speciosa*. Speciogynine can decrease alcohol intake in mice^{[1][2]}.

REFERENCES

[1]. Philipp AA, et al. Metabolism studies of the Kratom alkaloids mitraciliatine and isopaynantheine, diastereomers of the main alkaloids mitragynine and paynantheine, in rat and human urine using liquid chromatography-linear ion trap-mass spectrometry. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2011 May 1;879(15-16):1049-55.

[2]. Guttridge AM, et al. G protein-biased kratom-alkaloids and synthetic carfentanil-amide opioids as potential treatments for alcohol use disorder. *Br J Pharmacol.* 2020 Apr;177(7):1497-1513.

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

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