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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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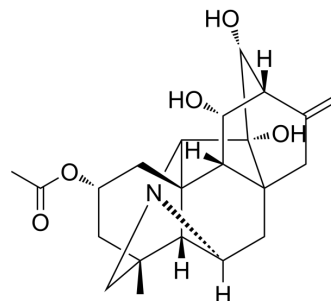
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Guanfu base I

Cat. No.:	HY-N5004
CAS No.:	110225-59-7
Molecular Formula:	C ₂₂ H ₂₉ NO ₅
Molecular Weight:	387.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Guanfu base I (Acorine) is an active metabolite of Guanfu base A, isolated from <i>Aconitum coreanum</i> , and has a potent anti-arrhythmic effect ^[1] .
In Vivo	The pharmacokinetics of Guanfu base I in Sprague-Dawley rats is examined. The method is linear in the 0.05-20 µg/mL concentration range. The recovery of Guanfu base I is more than 80%. The intraday and interday precision, expressed as the relative standard deviation, is generally good. After intravenous injection dosing, plasma Guanfu base I concentration declined in a bi-phasic manner with a terminal elimination half-life of 2.49 hours. The total plasma clearance value is 1.46 L/h/kg. After oral dosing, the plasma Guanfu base I concentration reached a maximum within 0.5 hour. The absolute bioavailability of Guanfu base I is 71.31% ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Li X, et al. Pharmacokinetics of guanfu base I, an active metabolite of guanfu base A, in rats. *Biol Pharm Bull.* 2005 Aug;28(8):1363-5.

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

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