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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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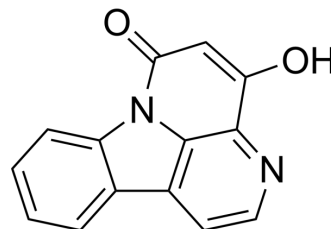
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4-Hydroxycanthin-6-one

Cat. No.:	HY-N12964
CAS No.:	106941-27-9
Molecular Formula:	C ₁₄ H ₈ N ₂ O ₂
Molecular Weight:	236.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

4-Hydroxycanthin-6-one is a novel quinoline alkaloid isolated from the stem bark of the tree *Ailanthus altissima*. Five other known compounds were also found in the study. The structures of the new compounds were determined by interpretation of physical and spectroscopic data, and their absolute configurations were determined by electronic circular dichroism spectroscopy and quantum chemical calculations. These compounds showed significant inhibitory activity against lipopolysaccharide (LPS)-induced nitric oxide (NO) production in RAW 264.7 cells, showing potential anti-inflammatory properties^[1].

REFERENCES

[1]. Kim HM, et al. A New Canthinone-Type Alkaloid Isolated from *Ailanthus altissima* Swingle. *Molecules*. 2016 May 16;21(5):642.

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

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