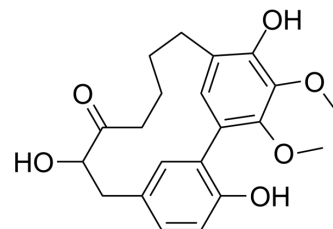


12-Hydroxymyricanone

Cat. No.:	HY-N10857
CAS No.:	191999-68-5
Molecular Formula:	C ₂₁ H ₂₄ O ₆
Molecular Weight:	372.41
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	12-Hydroxymyricanone is a nature product that could be isolated from the roots of Myrica nana. 12-Hydroxymyricanone inhibits the release of nitric oxide with an IC ₅₀ value of 30.19 μM ^[1] .
In Vitro	12-Hydroxymyricanone (compound 8; 0-100 μM) inhibits nitric oxide release in Lipopolysaccharides (HY-D1056)-activated peritoneal macrophages ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wang J, et, al. Cyclic diarylheptanoids from Myrica nana inhibiting nitric oxide release. Bioorg Med Chem. 2008 Sep 15;16(18):8510-5.

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

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