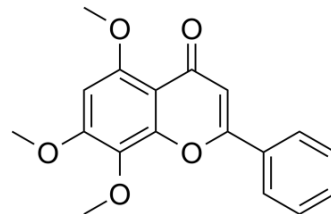


5,7,8-Trimethoxyflavone

Cat. No.:	HY-N7656
CAS No.:	23050-38-6
Molecular Formula:	C ₁₈ H ₁₆ O ₅
Molecular Weight:	312.32
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	5,7,8-Trimethoxyflavone (Norwogonin 5,7,8-trimethyl ether), isolated from <i>Andrographis echinoides</i> , inhibits NO with an IC ₅₀ of 39.1 μM. 5,7,8-Trimethoxyflavone has anti-inflammatory activity ^[1] .
In Vitro	5,7,8-Trimethoxyflavone (Norwogonin 5,7,8-trimethyl ether; 8, 16, 32, 64 μM; for 24 hours) decreases NO production in a dose-dependent manner in RAW 264.7 macrophages. 5,7,8-Trimethoxyflavone does not change lipopolysaccharide (LPS)-induced (100 ng/mL) cell viability ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. De-Yang Shen, et al. Chemical constituents from *Andrographis echinoides* and their anti-inflammatory activity. *Int J Mol Sci.* 2012 Dec 27;14(1):496-514.

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

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