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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

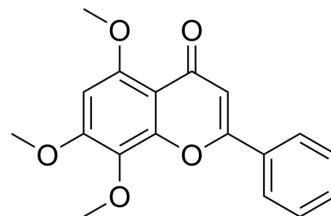
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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:	NO Synthase
Pathway:	Immunology/Inflammation
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA