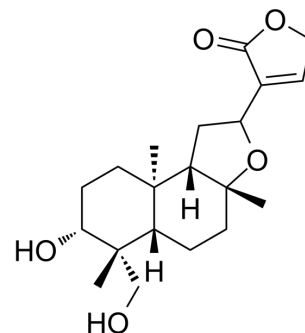


## Isoandrographolide

Cat. No.:	HY-N10359
CAS No.:	4176-96-9
Molecular Formula:	C <sub>20</sub> H <sub>30</sub> O <sub>5</sub>
Molecular Weight:	350.45
Target:	NOD-like Receptor (NLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Isoandrographolide possesses cell differentiation inducing and hepatoprotective effect. Isoandrographolide inhibits NLRP3 inflammasome activation and attenuates silicosis in mice<sup>[1][2]</sup>.

### REFERENCES

- [1]. T Matsuda, et al. Cell differentiation-inducing diterpenes from *Andrographis paniculata* Nees. *Chem Pharm Bull (Tokyo)*. 1994 Jun;42(6):1216-25.
- [2]. Zhe Song, et al. Isoandrographolide inhibits NLRP3 inflammasome activation and attenuates silicosis in mice. *Int Immunopharmacol*. 2022 Apr;105:108539.

**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