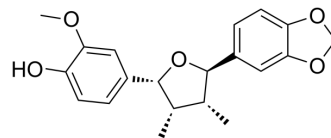


## Chicanine

Cat. No.:	HY-N2270
CAS No.:	78919-28-5
Molecular Formula:	C <sub>20</sub> H <sub>22</sub> O <sub>5</sub>
Molecular Weight:	342.39
Target:	p38 MAPK; ERK; IKK
Pathway:	MAPK/ERK Pathway; Stem Cell/Wnt; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Chicanine is a lignan compound of Schisandra chinensis, inhibits LPS-induced phosphorylation of p38 MAPK, ERK 1/2 and IκB-α, with anti-inflammatory activity<sup>[1]</sup>.

### CUSTOMER VALIDATION

- Hum Exp Toxicol. 2022 Jan-Dec;41:9603271221121320.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Chicanine, et al. Anti-inflammatory effects of chicanine on murine macrophage by down-regulating LPS-induced inflammatory cytokines in IκBα/MAPK/ERK signaling pathways. Eur J Pharmacol. 2014 Feb 5;724:168-74.

**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](mailto:tech@MedChemExpress.com)

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