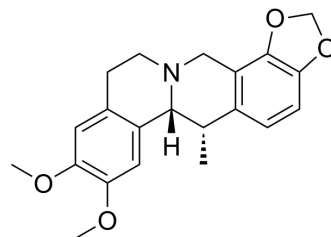


Cavidine

Cat. No.:	HY-101546A
CAS No.:	32728-75-9
Molecular Formula:	C ₂₁ H ₂₃ NO ₄
Molecular Weight:	353.41
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cavidine ((+)-Cavidine) is a selective COX-2 inhibitor which possesses anti-inflammatory activity. Cavidine can be used for the research of skin injuries, hepatitis, cholecystitis, and scabies. Cavidine ameliorates LPS (HY-D1056)-induced acute lung injury via NF-κB signaling pathway^{[1][2][3]}.

REFERENCES

- [1]. Niu X, et, al. Anti-inflammatory effects of cavidine in vitro and in vivo, a selective COX-2 inhibitor in LPS-induced peritoneal macrophages of mouse. *Inflammation*. 2015 Apr;38(2):923-33.
- [2]. Niu X, et, al. Protective effect of cavidine on acetic acid-induced murine colitis via regulating antioxidant, cytokine profile and NF-κB signal transduction pathways. *Chem Biol Interact*. 2015 Sep 5:239:34-45.
- [3]. Niu X, et, al. Cavidine Ameliorates Lipopolysaccharide-Induced Acute Lung Injury via NF-κB Signaling Pathway in vivo and in vitro. *Inflammation*. 2017 Aug;40(4):1111-1122.

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