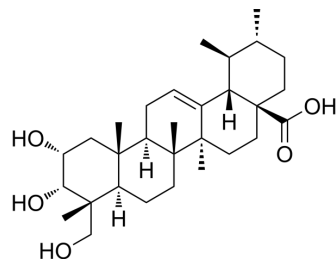


Esculentic acid

Cat. No.:	HY-N3866
CAS No.:	103974-74-9
Molecular Formula:	C ₃₀ H ₄₈ O ₅
Molecular Weight:	488.7
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Esculentic acid is a selective COX-2 inhibitor and has anti-inflammatory effect. Esculentic acid is a pentacyclic triterpenoid that can be extracted from the Chinese herb <i>Phytolacca esculenta</i> ^{[1][2]} .
IC ₅₀ & Target	COX-2 ^[1]

REFERENCES

- [1]. Niu X, et al. Esculentic acid, a novel and selective COX-2 inhibitor with anti-inflammatory effect in vivo and in vitro. *Eur J Pharmacol.* 2014 Oct 5;740:532-8.
- [2]. Niu X, et al. Protective effects of esculentic acid against endotoxic shock in Kunming mice. *Int Immunopharmacol.* 2014 Nov;23(1):229-35.

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