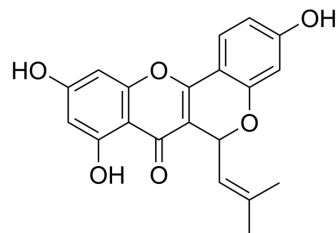


Cyclocommunol

Cat. No.:	HY-N3665
CAS No.:	145643-96-5
Molecular Formula:	C ₂₀ H ₁₆ O ₆
Molecular Weight:	352.34
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyclocommunol is a prenylflavonoid with antityrosinase and antiplatelet activities, can be isolated from breadfruit. Cyclocommunol exerts anti-tumor activity and inhibits the growth of human hepatoma and gastric cancer cells with IC₅₀ values between 16 and 80 μM. Cyclocommunol shows proapoptotic effect on oral squamous cell carcinoma (OSCC)^[1].

REFERENCES

[1]. Weng JR, et al. Cyclocommunol induces apoptosis in human oral squamous cell carcinoma partially through a Mcl-1-dependent mechanism. *Phytochemistry*. 2018 Jan 15;39:25-32.

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