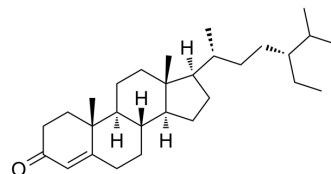


β-Sitostenone

Cat. No.:	HY-N1238
CAS No.:	1058-61-3
Molecular Formula:	C ₂₉ H ₄₈ O
Molecular Weight:	412.69
Target:	Endogenous Metabolite; Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	β-Sitostenone is a sterol that can be isolated from <i>Cochlospermum vitifolium</i> . β-Sitostenone inhibits tyrosinase activity, and has anti-melanogenic and anti-tumor activities ^{[1][2][3]} .
IC₅₀ & Target	Human Endogenous Metabolite

REFERENCES

- [1]. Aguilar-Guadarrama AB, et al. Flavonoids, Sterols and Lignans from *Cochlospermum vitifolium* and Their Relationship with Its Liver Activity. *Molecules*. 2018 Aug 5;23(8):1952.
- [2]. Chu CW, et al. Biofunctional Constituents from *Michelia compressa* var. *lanyuensis* with Anti-Melanogenic Properties. *Molecules*. 2015 Jul 3;20(7):12166-74.
- [3]. Fan SQ, et al. Sarocladione, a unique 5,10:8,9-diseco-steroid from the deep-sea-derived fungus *Sarocladium kiliense*. *Org Biomol Chem*. 2019 Jun 18;17(24):5925-5928.

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