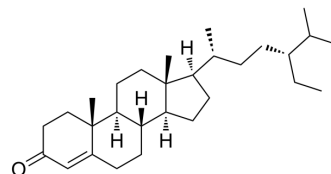


## β-Sitostenone

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



### BIOLOGICAL ACTIVITY

<b>Description</b>	β-Sitostenone is a sterols that can be isolated from <i>Cochlospermum vitifolium</i> . β-Sitostenone inhibits tyrosinase activity, and has anti-melanogenic and anti-tumor activities <sup>[1][2][3]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	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.**

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