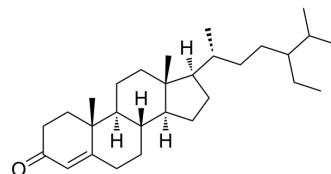


## Sitosterone

Cat. No.:	HY-N12996
CAS No.:	67392-96-5
Molecular Formula:	C <sub>29</sub> H <sub>48</sub> O
Molecular Weight:	412.69
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Sitosterone is a steroid that can be isolated from stem bark of syzygium aqueum. Sitosterone shows cytotoxicity <sup>[1]</sup> .
In Vitro	Sitosterone (0-100 µg/mL; 24 h) shows cytotoxicity for A549 cells with an IC <sub>50</sub> value of 29.96 µg/mL <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Eie Aung, et al. Cytotoxicity of Butyrospermol and Sitosterone from the Stem Bark of Syzygium aqueum. Tropical Journal of Natural Product Research, 2020, 4 (11): 899-904.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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