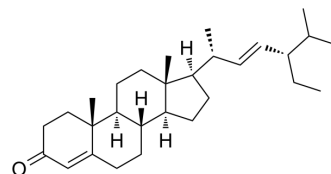


## Stigmasta-4,22-dien-3-one

Cat. No.:	HY-N9596
CAS No.:	20817-72-5
Molecular Formula:	C <sub>29</sub> H <sub>46</sub> O
Molecular Weight:	410.67
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Stigmasta-4,22-dien-3-one is an antitubercular agent. Stigmasta-4,22-dien-3-one shows cytotoxicity against human HT1080 tumoral cell line with an IC<sub>50</sub> of 0.3 mM<sup>[1][2]</sup>.

### REFERENCES

- [1]. Saludes JP, et al. Antitubercular constituents from the hexane fraction of *Morinda citrifolia* Linn. (Rubiaceae). *Phytother Res.* 2002 Nov;16(7):683-5.
- [2]. Sandjo L P, et al. Cytotoxic effect of some pentacyclic triterpenes and hemisynthetic derivatives of stigmasterol. *Chemistry of Natural Compounds*, 2011, 47(5): 731-734.

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

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