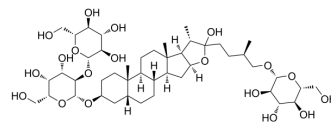


Ys-II

Cat. No.:	HY-152896
CAS No.:	897386-27-5
Molecular Formula:	C ₄₅ H ₇₆ O ₁₉
Molecular Weight:	921.07
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ys-II (Compound 1) is a spirostanol glycoside that can be isolated from the stem of *Yucca elephantipes*. Ys-II has antifungal activity against the growth of *Candida albicans* and *Cryptococcus neoformans* (IC₅₀: 5 and 6 µg/mL respectively)^[1].

REFERENCES

[1]. Zhang Y, et al. Steroidal saponins from the stem of *Yucca elephantipes*. *Phytochemistry*. 2008 Jan;69(1):264-70.

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