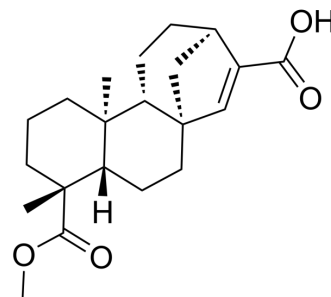


## Stigmane B

Cat. No.:	HY-N10431
Molecular Formula:	C <sub>21</sub> H <sub>30</sub> O <sub>4</sub>
Molecular Weight:	346.46
Target:	Keap1-Nrf2
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Stigmane B (Compound 2) is a nuclear factor E2-related factor (Nrf2) activator. Stigmane B downregulates apoptosis and reactive oxygen species (ROS) generation, and increases antioxidant enzyme activities. Stigmane B shows neuroprotective effects<sup>[1]</sup>.

### REFERENCES

[1]. Song XY, et al. Terpenoids from stigma maydis (Zea mays L.) alleviate hydrogen peroxide-induced SH-SY5Y cell injury by activating Nrf2. *Bioorg Chem.* 2020 Sep;102:104131.

**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