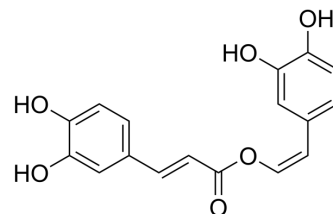


Nepetoidin B

Cat. No.:	HY-N8263
CAS No.:	55486-06-1
Molecular Formula:	C ₁₇ H ₁₄ O ₆
Molecular Weight:	314.29
Target:	Bacterial; Fungal; NF-κB
Pathway:	Anti-infection; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Nepetoidin B, an anti-inflammatory agent, inhibits inflammation by modulating the NF-κB and Nrf2/HO-1 signaling pathways. Nepetoidin B also has antifungal and antibacterial activity. Nepetoidin B is a natural product that can be obtained from <i>Salvia plebeia</i> R. Br. Nepetoidin B can be used in anti-inflammatory and anti-infectious research ^{[1][2]} .
IC₅₀ & Target	NF-κB, bacterial, fungal ^{[1][2]} .

REFERENCES

[1]. Kim M, et al. Nepetoidin B from *Salvia plebeia* R. Br. Inhibits Inflammation by Modulating the NF-κB and Nrf2/HO-1 Signaling Pathways in Macrophage Cells. *Antioxidants (Basel)*. 2021 Jul 28;10(8):1208.

[2]. Wu X, et al. Nepetoidin B, a Natural Product, Inhibits LPS-stimulated Nitric Oxide Production via Modulation of iNOS Mediated by NF-κB/MKP-5 Pathways. *Phytother Res*. 2017 Jul;31(7):1072-1077.

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