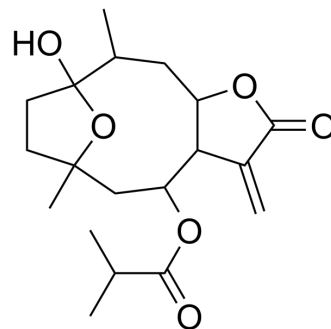


Tirotundin

Cat. No.:	HY-N1147
CAS No.:	56377-67-4
Molecular Formula:	C ₁₉ H ₂₈ O ₆
Molecular Weight:	352.42
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tirotundin (Tagitinin D) is a potent anti-inflammatory agent. Tirotundin inhibits the activation of NF- κ B ^[1] .
In Vitro	Tirotundin (compound 3) (5, 10, 20, 50 μ M; 1 h; subsequently stimulated with TNF- α for one hour) completely inhibited activation of NF- κ B at a concentration of 50 μ M ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Rüngeler P, et al. Study of three sesquiterpene lactones from *Tithonia diversifolia* on their anti-inflammatory activity using the transcription factor NF-kappa B and enzymes of the arachidonic acid pathway as targets. *Planta Med.* 1998 Oct;64(7):588-93.

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

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