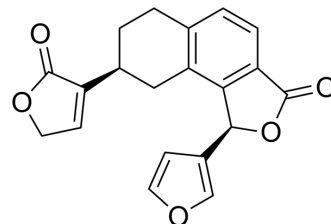


Tilifodiolide

Cat. No.:	HY-N1149
CAS No.:	126724-95-6
Molecular Formula:	C ₂₀ H ₁₆ O ₅
Molecular Weight:	336.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tilifodiolide ((-)-Tilifodiolide) is a lactone, which can be isolated from the roots of <i>Salvia tiliifolia</i> . Tilifodiolide has anti-inflammatory activity in mice model ^[1] .
In Vitro	Tilifodiolide (200 mg/kg; single dose) shows anti-inflammatory activity in vivo in acetic acid induced-writhing mouse model ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. González-Chávez MM, Alonso-Castro AJ, Zapata-Morales JR, Arana-Argáez V, Torres-Romero JC, Medina-Rivera YE, Sánchez-Mendoza E, Pérez-Gutiérrez S. Anti-inflammatory and antinociceptive effects of tilifodiolide, isolated from *Salvia tiliifolia* Vahl (Lamiaceae). *Drug Dev Res.* 2018 Jun;79(4):165-172.

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

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