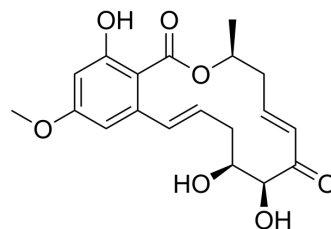


(5E)-7-Oxozeaenol

Cat. No.:	HY-N8551
CAS No.:	1198574-97-8
Molecular Formula:	C ₁₉ H ₂₂ O ₇
Molecular Weight:	362.37
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(5E)-7-Oxozeaenol is an active fungal extract that is cytotoxic. (5E)-7-Oxozeaenol exhibits antibacterial, mitochondrial transmembrane potential, and NF-κB effects ^[1] .
In Vitro	(5E)-7-Oxozeaenol inhibits different cancer cell lines with IC ₅₀ s of 4.9 μM (MCF-7), 1.2 μM (H460), 5.6 μM (SF268), 4.4 μM (HT-29), 5.5 μM (MDA-MB-435), respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ayers S, et al. Resorcylic acid lactones with cytotoxic and NF-κB inhibitory activities and their structure-activity relationships. J Nat Prod. 2011 May 27;74(5):1126-31.

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

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