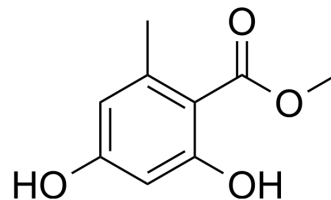


Methyl orsellinate

Cat. No.:	HY-N3270
CAS No.:	3187-58-4
Molecular Formula:	C ₉ H ₁₀ O ₄
Molecular Weight:	182.17
Target:	Fungal; Lipoxygenase
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Methyl orsellinate is a phytotoxic compound with antifungal activities. Methyl orsellinate is a 5-lipoxygenase inhibitor with an IC₅₀ value of 59.6 μM. Methyl orsellinate can be used for fungal infection research^{[1][2]}.

REFERENCES

[1]. Ingólfssdóttir K, et al. Effects of tenuiorin and methyl orsellinate from the lichen *Peltigera leucophlebia* on 5-/15-lipoxygenases and proliferation of malignant cell lines in vitro. *Phytomedicine*. 2002 Oct;9(7):654-8.

[2]. S. Woodward, et al. Two new antifungal metabolites produced by *Sparassis crispa* in culture and in decayed trees. *Microbiology*. 1993.

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

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