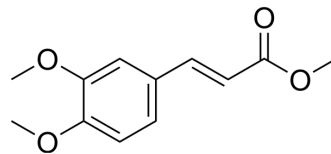


Methyl 3,4-dimethoxycinnamate

Cat. No.:	HY-W242821
CAS No.:	5396-64-5
Molecular Formula:	C ₁₂ H ₁₄ O ₄
Molecular Weight:	222.24
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Methyl 3,4-dimethoxycinnamate is an inhibitor of uredospore germination. Methyl 3,4-dimethoxycinnamate also inhibits global DNA methylation in in Hep3B cells^{[1][2]}.

REFERENCES

[1]. Macko V, et al. Self-inhibitor of bean rust uredospores: methyl 3,4-dimethoxycinnamate. *Science*. 1970 Oct 30;170(3957):539-40.

[2]. Castro-Vazquez D, et al. Methyl benzoate and cinnamate analogs as modulators of DNA methylation in hepatocellular carcinoma. *Chem Biol Drug Des*. 2022 Aug;100(2):245-255.

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

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