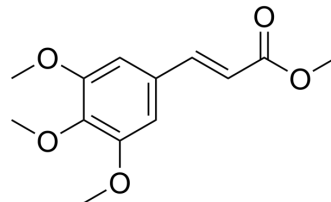


(E)-Methyl 3,4,5-trimethoxycinnamate

Cat. No.:	HY-N3289A
CAS No.:	20329-96-8
Molecular Formula:	C ₁₃ H ₁₆ O ₅
Molecular Weight:	252.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(E)-Methyl 3,4,5-trimethoxycinnamate is a bioactive natural phenylpropanoid. (E)-Methyl 3,4,5-trimethoxycinnamate suppresses inflammation in RAW264.7 macrophages and blocks macrophage-adipocyte interaction. (E)-Methyl 3,4,5-trimethoxycinnamate also has antiarrhythmic effect, leads to suppression of triggered activities in rabbit myocytes^{[1][2]}.

REFERENCES

[1]. Olajide OA, et al. Methyl 3,4,5-trimethoxycinnamate suppresses inflammation in RAW264.7 macrophages and blocks macrophage-adipocyte interaction. *Inflammopharmacology*. 2020 Oct;28(5):1315-1326.

[2]. Zhao Z, et al. Potential antiarrhythmic effect of methyl 3,4,5-trimethoxycinnamate, a bioactive substance from roots of polygalae radix: suppression of triggered activities in rabbit myocytes. *Biol Pharm Bull*. 2013;36(2):238-44.

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

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