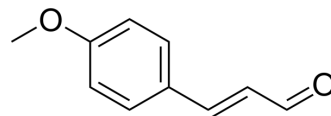


4-Methoxycinnamaldehyde

Cat. No.:	HY-W013605A
CAS No.:	1963-36-6
Molecular Formula:	C ₁₀ H ₁₀ O ₂
Molecular Weight:	162.19
Target:	RSV
Pathway:	Anti-infection
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

4-Methoxycinnamaldehyde (p-Methoxycinnamaldehyde), an active constituent of *Agastache rugosa*, exhibits cytoprotective activity against respiratory syncytial virus (RSV) in human larynx carcinoma cell line. 4-Methoxycinnamaldehyde effectively inhibits cytopathic effect of RSV with an estimated IC₅₀ of 0.055 µg/mL^[1].

REFERENCES

[1]. Kuo Chih Wang, et al. 4-Methoxycinnamaldehyde inhibited human respiratory syncytial virus in a human larynx carcinoma cell line. *Phytomedicine*. 2009 Sep;16(9):882-6.

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

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