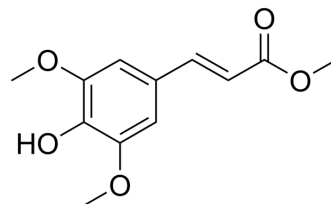


Methyl sinapate

Cat. No.:	HY-N3265
CAS No.:	20733-94-2
Molecular Formula:	C ₁₂ H ₁₄ O ₅
Molecular Weight:	238.24
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Methyl sinapate (MSA), a hydroxycinnamic acid, is a natural UV screening agent^{[1][2]}.

REFERENCES

[1]. Antonopoulou I, et al. Tailoring the specificity of the type C feruloyl esterase FoFaeC from *Fusarium oxysporum* towards methyl sinapate by rational redesign based on small molecule docking simulations. *PLoS One*. 2018 May 24;13(5):e0198127.

[2]. Fan J, et al. Elucidating the photoprotective properties of natural UV screening agents: ZEKE-PFI spectroscopy of methyl sinapate. *Phys Chem Chem Phys*. 2022 Feb 9;24(6):3984-3993.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA