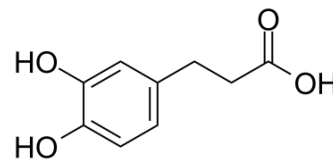


Dihydrocaffeic acid

Cat. No.:	HY-N2406
CAS No.:	1078-61-1
Molecular Formula:	C ₉ H ₁₀ O ₄
Molecular Weight:	182.17
Target:	p38 MAPK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Dihydrocaffeic acid is a phenolic acid found in <i>Gynura bicolor</i> , reduces phosphorylation of MAPK p38 and prevent UVB-induced skin damage. Antioxidant potential and anti-inflammatory activity ^[1] .
-------------	---

IC ₅₀ & Target	p38 MAPK
---------------------------	----------

REFERENCES

[1]. Oliveira MM, et al. Dihydrocaffeic Acid Prevents UVB-Induced Oxidative Stress Leading to the Inhibition of Apoptosis and MMP-1 Expression via p38 Signaling Pathway. *Oxid Med Cell Longev*. 2019 Jan 17;2019:2419096.

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