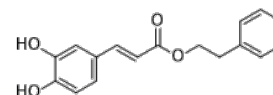


Product Name : Caffeic acid phenethyl ester
Cat. No. : PC-27821
CAS No. : 115610-29-2
Molecular Formula : C₁₇H₁₆O₄
Molecular Weight : 284.31
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Caffeic acid phenethyl ester (CAPE) is an active component of propolis and has an antiproliferative property in cancer cell lines via inhibition of **NF-κB** signaling, downregulation of inhibitor of apoptosis (IAP) family proteins, and modulation of the balance of Bcl-2 family members, inhibits human **Glyoxalase I** (hGLO I) with IC₅₀ of 7.9 μM.

References

Ishizaki S, et al. *Bioorg Med Chem Lett*. 2026 Aug 21:130762.

P. Pandey, et al. *Chem Biol Drug Des*, 102 (2023), pp. 201-216,

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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