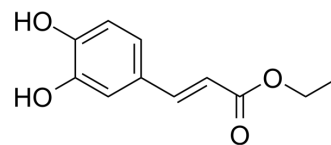


## Ethyl trans-caffeate

Cat. No.:	HY-N6966A
CAS No.:	66648-50-8
Molecular Formula:	C <sub>11</sub> H <sub>12</sub> O <sub>4</sub>
Molecular Weight:	208.21
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

Ethyl trans-caffeate is the trans form of Ethyl Caffeate (HY-N6966). Ethyl Caffeate is a natural phenolic compound isolated from *Bidens pilosa*. Ethyl caffeate suppresses NF-κB activation and its downstream inflammatory mediators, inducible nitric oxide synthase (iNOS), cyclooxygenase-2 (COX-2), and prostaglandin E<sub>2</sub> (PGE<sub>2</sub>) in vitro or in mouse skin<sup>[1]</sup>.

### REFERENCES

[1]. Chiang YM, et al. Ethyl caffeate suppresses NF-kappaB activation and its downstream inflammatory mediators, iNOS, COX-2, and PGE2 in vitro or in mouse skin. *Br J Pharmacol.* 2005 Oct;146(3):352-63.

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

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