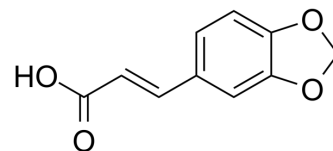


## (E)-3,4-(Methylenedioxy)cinnamic acid

**Cat. No.:** HY-W068783  
**CAS No.:** 38489-76-8  
**Molecular Formula:** C<sub>10</sub>H<sub>8</sub>O<sub>4</sub>  
**Molecular Weight:** 192.17  
**Target:** Endogenous Metabolite  
**Pathway:** Metabolic Enzyme/Protease  
**Storage:** -20°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (260.19 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		5.2037 mL	26.0186 mL	52.0373 mL
		5 mM		1.0407 mL	5.2037 mL	10.4075 mL
		10 mM		0.5204 mL	2.6019 mL	5.2037 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1 mg/mL (5.20 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	(E)-3,4-(Methylenedioxy)cinnamic acid is a cinnamic acid derivative obtained from the stem bark of Brombya platynema <sup>[1]</sup> .
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### REFERENCES

[1]. Ian C. et al. Brombyins from the stem bark of Brombya platynema. Waterman. 1993, 33(2), 479–482.

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

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