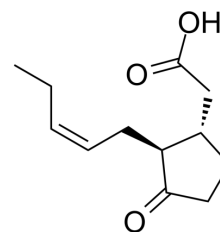


(±)-Jasmonic acid

Cat. No.:	HY-122464
CAS No.:	77026-92-7
Molecular Formula:	C ₁₂ H ₁₈ O ₃
Molecular Weight:	210.27
Target:	Others
Pathway:	Others
Storage:	Solution, -20°C, 2 years



Relative stereochemistry

SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (475.58 mM; Need ultrasonic)
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (11.89 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (11.89 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.89 mM); Clear solution

BIOLOGICAL ACTIVITY

Description	(±)-Jasmonic acid is a plant growth regulator and a derivative of α-linolenic acid. (±)-Jasmonic acid decreases chlorophyll levels in green and etiolated barley leaf segments and inhibits elongation of rice seedlings.
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Caution: Product has not been fully validated for medical applications. For research use only.

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