

## SPECIFICATION

### Jasmonic Acid

Parameters	Specification
CAS Number	6894-38-8
Appearance	Colorless to pale yellow crystalline solid
Molecular Formula	C <sub>12</sub> H <sub>18</sub> O <sub>3</sub>
Molecular Weight	210.27 g/mol
Boiling Point	360 °C
Flash Point	190 °C
Purity	98–99%
Refractive Index	1.53
Solubility	Slightly soluble in water; soluble in ethanol, methanol, acetone
Uses	Plant hormone used in research; signaling in plant defense; induces expression of defense genes; preparation of jasmonate solutions for experiments

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