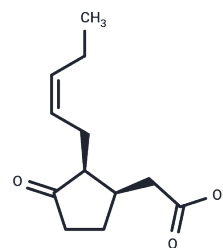


**(±)7-epi Jasmonic Acid****Chemical Properties**

CAS No. :	62653-85-4
Formula:	C <sub>12</sub> H <sub>18</sub> O <sub>3</sub>
Molecular Weight:	210.273
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

**Biological Description**

Description	(±)-7-epijasmonic acid, the primary metabolite in the 12-oxo phytodienoic acid pathway of 13(S)-hydroperoxy linolenic acid metabolism in plants, is synthesized initially as the more active (+)-7-epijasmonic acid. It quickly epimerizes to the more stable (-)-7-jasmonic acid isomer, demonstrating its biological relevance. Acting as a plant growth regulator, (±)-7-epijasmonic acid triggers various signal transduction pathways, which can either promote growth or inhibit it, likely as a response to stress conditions.
Targets(IC50)	Others

**Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	4.7558 mL	23.779 mL	47.5579 mL
5 mM	0.9512 mL	4.7558 mL	9.5116 mL
10 mM	0.4756 mL	2.3779 mL	4.7558 mL
50 mM	0.0951 mL	0.4756 mL	0.9512 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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