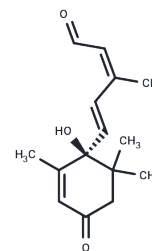


## (+)-Abscisic aldehyde

### Chemical Properties

CAS No. : 41944-86-9  
 Formula: C<sub>15</sub>H<sub>20</sub>O<sub>3</sub>  
 Molecular Weight: 248.32  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
*Actual storage temperature shall be subject to the COA.*



### Biological Description

Description	(+)-Abscisic Aldehyde (ABAld) is an intermediate product in the biosynthetic pathway of the plant hormone Abscisic Acid (ABA). It is produced from flavanone through dehydrogenation by flavanone dehydrogenase, followed by selective oxidation by abscisic aldehyde oxidase. This compound possesses oxidation activity for PsAOγ and is associated with ABA accumulation in the older leaves of pea plants under prolonged exposure to salinity, ammonium, or nitrogen deficiency. (+)-Abscisic Aldehyde is useful for research in plant growth and development.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0271 mL	20.1353 mL	40.2706 mL
5 mM	0.8054 mL	4.0271 mL	8.0541 mL
10 mM	0.4027 mL	2.0135 mL	4.0271 mL
50 mM	0.0805 mL	0.4027 mL	0.8054 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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