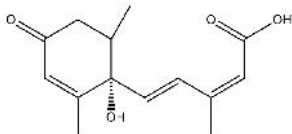


**PRODUCT: (+)-Abscisic acid****RELATED PRODUCTS:***trans*-Zeatin (Cat. No. 2542-10, 50)**ALTERNATE NAME:** 5-[(1S)-1-hydroxy-2,6,6-trimethyl-4-oxo-2-cyclohexen-1-yl]-3-methyl-2Z,4E-pentadienoic acid; ABA; Dormin**CATALOG #:** 2543-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>15</sub>H<sub>20</sub>O<sub>4</sub>**MOLECULAR WEIGHT:** 264.32**CAS No.** 21293-29-8**APPEARANCE:** White solid**SOLUBILITY:** DMSO (~ 20 mg/ml) or EtOH (~ 10 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from light and air**DESCRIPTION:** Abscisic acid is a plant hormone and growth regulator that is involved in several physiological mechanisms including seed dormancy, leaf abscission, stomatal movement, and plant stress responses. In addition, ABA regulates gene expression and may contribute to epigenetic changes at the chromatin level. The (+)-enantiomer is the naturally occurring and more active form of ABA.**REFERENCE:** Ton, J., *et al.* (2009). *Trends Plant Sci.* **14**, 310-317.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans.**