L-Proline

Properties:
- **Form:** Powder
- **Appearance:** White Powder
- **Application:** Amino Acid
- **Solubility:** Water
- **Storage Temp:** Room Temperature
- **Other Notes:** Plant Tissue Culture Tested
  Derived from a Non-animal Source

Application Notes:
Proline is an amino acid that has been shown to increase embryogenic callus formation most notably in *Zea mays* (Armstrong and Green 1985). Proline accumulation is a common physiologic response in plants to environmental stress such as high salinity, water stress, drought, and cold (Delauney and Verma 1993).

References:

*Merck* 13, 7871