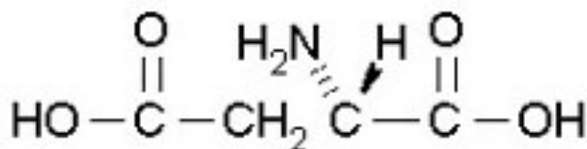




Product Information Sheet

A117

L-Aspartic Acid, Free Acid



Synonym: (S)-Aminobutanedioic Acid; Aminosuccinic Acid
CAS: 56-84-8
Formula: C₄H₇NO₄
Molecular Wt: 133.10

Properties

Form: Powder
Appearance: White Crystalline
Application: Amino Acid
Solubility: Water, more soluble in NaOH or HCl
Typical Working Concentration: Varies with application. Should be determined by end user.
Storage Temp: Room Temperature
Storage Temp of Stock Solution: 2-6°C
Other Notes: Plant Tissue Culture Tested. Derived Synthetically

Application Notes

An amino acid that can be used in plant tissue culture media preparation. Has been cited to induce bud formation in some stem tissues, such as *Torenia* (Narayanswamy, 1997).

References

Merck 13, 845

Narayanswamy S (1997) Plant Cell and Tissue Culture, Tata McGraw-Hill Publishing Co.Ltd., New Delhi, India, pp. 116-118.

PhytoTechnology Laboratories®

P.O. Box 12205; Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 or 1-913-341-5343; Fax: 1-888-449-8682 or 1-913-341-5442

Web Site: www.phytotechlab.com

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