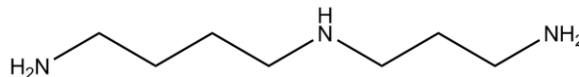


S837**Spermidine, Free Base**

Synonym: N-(3-Aminopropyl)-1,4-butanediamine
CAS: 124-20-9
Formula: C₇H₁₉N₃
Molecular Wt: 145.25

**Properties:**

Form: Solid that melts at Room Temperature
Appearance: Colorless Solid; Colorless, Clear Liquid at Ambient Temperatures
Application: Plant Growth Regulator; Polyamine
Solubility: Water
Storage Temp: 2-8°C
Other Notes: Melting point: 22-25°C; Plant Tissue Culture Tested*

*Please Note: While PhytoTech Labs Inc. tests each lot of this product with two or more plant cell/tissue culture lines, it is the sole responsibility of the purchaser to determine the appropriateness of this product for the specific plants that are being cultured and applications that are being used.

Application Notes:

Spermidine is a polyamine, specifically a triamine that has been shown to be involved with floral initiation from vegetative buds in Tobacco².

Since this product can exist as a liquid or semi-solid at room temperature, it is typically melted in a warm water bath (or by holding the bottle in your hand) and then weighed as a liquid.

References

1. Merck **13**, 8816
2. R Kaur-Sawhney, AF Tiburcio, and AW Galston (1988) *Planta* Vol. 173(2) pg. 282-284.