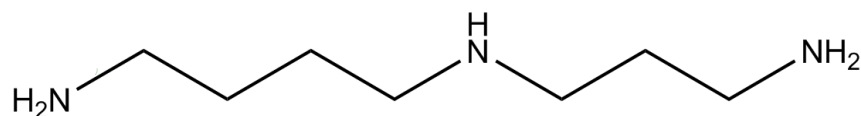


Product Information Sheet



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 to Colorless, Clear Liquid at Ambient Temperatures

Application: Polyamine – Plant Growth Regulator

Solubility: Water

Storage Temp: 2 to 6° C

Storage Temp of – 20° C

Stock Solution:

Other Notes: Melting point: 22 – 25° C

Plant Tissue Culture Tested

Application Notes:

Spermidine is a polyamine, specifically a triamine that has been shown to be involved with floral initiation from vegetative buds in Tobacco (Kaur-Sawhney *et al.* 1988).

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

Merck 13, 8816

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

India Contact

Life Technologies (India) Pvt Ltd.

306, Agarwal City Mall, Road 44, Pitampura, Delhi - 110034 (India)

Tel: +91-11-4220-8000; 4220-8111; 4220-8222 Fax: +91-11-4220-8444, Mobile: +91-98105-21400

Email - customerservice@lifetechindia.com | customerservice@atzlabs.com