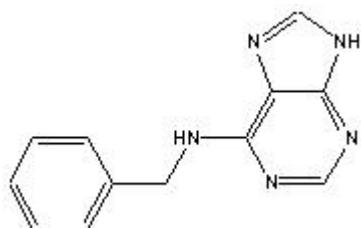


TECHNICAL INFORMATION

Catalog Number: 100912

6-Benzylaminopurine

Structure:



Molecular Formula: C₁₂H₁₁N₅

Molecular Weight: 225.3

CAS #: 1214-39-7

Synonym: N⁶-Benzyladenine

Physical Description: White to off-white powder

Recommended Storage: Room temperature. Protect from light and air.

Solubility: Soluble in concentrated ammonium hydroxide, 0.1 N Sodium hydroxide (10 mg/ml - slightly hazy and yellowish solution), methanol, or dioxane.

Description: Inhibitor of respiratory kinase in plants. Increases post-harvest life of green vegetables. E(270) = ~19,054 (methanol). A plant cell division factor (a plant growth factor).

Reference:

– Ebert, A., et al., "Studies on growth regulators in tissue culture media in the presence of active charcoal." *Plant Cell Tissue Organ Cult.*, v. **33**, 157 (1993).