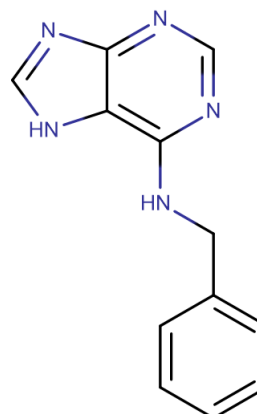


Product Name : Benzyladenine
Synonyms : 6-BAP; N6-Benzylaminopurine; NSC 40818; SQ 4,609
Cat No. : M10800
CAS Number : 1214-39-7
Molecular Formula : C₁₂H₁₁N₅



Formula Weight : 225.25

Chemical Name : Benzyl(purin-6-yl)amine

Description : 6-Benzylaminopurine, benzyl adenine or BAP is a first-generation synthetic cytokinin that elicits plant growth and development responses, setting blossoms and stimulating fruit richness by stimulating cell division. It is an inhibitor of respiratory kinase in plants, and increases post-harvest life of green vegetables.

Pathway : Others

Target : Other Targets

Receptor : plants respiratory kinase

Solubility : Soluble in DMSO

SMILES : C12=NC=NC(NCC3=CC=CC=C3)=C1NC=N2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Zhang Y, et al. Food Chem. 2015 Nov 15;187:210-7.