Percentage Composition: C 51.52%; H 5.56%; N 42.92%
Melting Point: Mp 251-253°. Mp 262-264°
Aldrich: 85255-4
Fluka: 39400
Sigma: D2629

>>**Derivative:** 6*N*,6*N*-Di-Me, N^3-oxide

CAS Registry Number: 30238-45-0
Molecular Formula: $C_7H_9N_5O$
Molecular Weight: 179.181
Accurate Mass: 179.08071
Percentage Composition: C 46.92%; H 5.06%; N 39.09%; O 8.93%
Physical Description: Needles (H_2O)
Melting Point: Mp 249.5-250.5°. Mp 276 dec.°

>>**Derivative:** 6*N*-Benzyl
Synonym(s): *N*-Benzyladenine, 8Cl. 6-Benzylaminopurine. Cytokinin B. BAP

CAS Registry Number: 1214-39-7

Molecular Formula: $C_{12}H_{11}N_5$
Molecular Weight: 225.252
Accurate Mass: 225.101445
Percentage Composition: C 63.99%; H 4.92%; N 31.09%
Biological Source: Widespread in plants
Biological Use/Importance: Plant growth regulator
Physical Description: Cryst. (C_6H_6)
Melting Point: Mp 229°

Aldrich: 85243-0
Fluka: 13153
Sigma: B3274

>>**Derivative:** 6*N*-(3-Hydroxybenzyl)
Synonym(s): 6*N*-(3-Hydroxybenzyl)adenine. ***meta*-Topolin**

Molecular Formula: $C_{12}H_{11}N_5O$
Molecular Weight: 241.252
Accurate Mass: 241.09636
Percentage Composition: C 59.74%; H 4.60%; N 29.03%; O 6.63%
Biological Source: Isol. from *Populus* x *canadensis* cv. *robusta*
Biological Use/Importance: Cytokinin
Physical Description: No phys. props reported

>>**Variant:** 9*H*-form

Molecular Formula: $C_5H_5N_5$
Molecular Weight: 135.128
Accurate Mass: 135.054495
Percentage Composition: C 44.44%; H 3.73%; N 51.83%

>>**Derivative:** 9-β-D-Ribofuranosyl
see Adenosine, BWJ70-U

>>**Derivative:** 9-α-D-Xylofuranosyl
see 9-Xylofuranosyladenine, BTP55-C

>>**Derivative:** 9-β-D-Xylofuranosyl
see 9-Xylofuranosyladenine, BTP55-C