



Accurate Mass: 217.085127
Percentage Composition: C 60.82%; H 5.10%; N 19.34%; O 14.73%
Physical Description: Cryst. (H₂O)
Melting Point: Mp 176-180 dec.°

>>**Derivative:** 1-Benzyl, Et ester

CAS Registry Number: 21377-11-7
Molecular Formula: C₁₃H₁₅N₃O₂
Molecular Weight: 245.28
Accurate Mass: 245.116427
Percentage Composition: C 63.66%; H 6.16%; N 17.13%; O 13.05%
Physical Description: Needles (EtOH)
Melting Point: Mp 115-116°

>>**Variant:** 2*H*-form

Molecular Formula: C₄H₅N₃O₂
Molecular Weight: 127.102
Accurate Mass: 127.038177
Percentage Composition: C 37.80%; H 3.96%; N 33.06%; O 25.18%

>>**Derivative:** 2-Ac, Et ester

CAS Registry Number: 14333-81-4
Molecular Formula: C₈H₁₁N₃O₃
Molecular Weight: 197.193
Accurate Mass: 197.080042
Percentage Composition: C 48.73%; H 5.62%; N 21.31%; O 24.34%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 74-76°

>>**Derivative:** 2-Me, Et ester

CAS Registry Number: 31037-02-2
Molecular Formula: C₇H₁₁N₃O₂
Molecular Weight: 169.183
Accurate Mass: 169.085127
Percentage Composition: C 49.70%; H 6.55%; N 24.84%; O 18.91%
Physical Description: Cryst. (C₆H₆/petrol)
Melting Point: Mp 101°

>>**Derivative:** 2-Me, amide

CAS Registry Number: 18213-75-7
Molecular Formula: C₅H₈N₄O
Molecular Weight: 140.144
Accurate Mass: 140.069811
Percentage Composition: C 42.85%; H 5.75%; N 39.98%; O 11.42%
Physical Description: Cryst. (H₂O)
Melting Point: Mp 237-239°

>>**Derivative:** 2-Me, nitrile

Synonym(s): 5-Amino-4-cyano-1-methylpyrazole

CAS Registry Number: 5334-41-8
Molecular Formula: C₅H₆N₄
Molecular Weight: 122.129
Accurate Mass: 122.059246
Percentage Composition: C 49.17%; H 4.95%; N 45.88%
Physical Description: Cryst. (H₂O)
Melting Point: Mp 222-223°