



Physical Description: Cryst. (Me₂CO aq.)

Melting Point: Mp 194.5-195°

>>**Derivative:** 2-Me, *N*³-Ac, Et ester

CAS Registry Number: 88320-47-2

Molecular Formula: C₉H₁₃N₃O₃

Molecular Weight: 211.22

Accurate Mass: 211.095692

Percentage Composition: C 51.18%; H 6.20%; N 19.89%; O 22.72%

Melting Point: Mp 101-103°

>>**Derivative:** 2-Me, *N*³-Ac, nitrile

CAS Registry Number: 5334-42-9

Molecular Formula: C₇H₈N₄O

Molecular Weight: 164.166

Accurate Mass: 164.069811

Percentage Composition: C 51.21%; H 4.91%; N 34.13%; O 9.75%

Physical Description: Cryst. (toluene)

Melting Point: Mp 138-139°

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

Synonym(s): 5-Amino-1-benzyl-4-cyanopyrazole

CAS Registry Number: 91091-13-3

Molecular Formula: C₁₁H₁₀N₄

Molecular Weight: 198.227

Accurate Mass: 198.090546

Percentage Composition: C 66.65%; H 5.08%; N 28.26%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 184-185.5°

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

CAS Registry Number: 50427-77-5

Molecular Formula: C₁₀H₁₀N₄O

Molecular Weight: 202.215

Accurate Mass: 202.085461

Percentage Composition: C 59.40%; H 4.98%; N 27.71%; O 7.91%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 172-173°

Aldrich: A7380-0

Rare Chemicals Library: S41413-1

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

Synonym(s): 5-Amino-4-cyano-1-phenyl-1*H*-pyrazole

CAS Registry Number: 5334-43-0

Molecular Formula: C₁₀H₈N₄

Molecular Weight: 184.2

Accurate Mass: 184.074896

Percentage Composition: C 65.21%; H 4.38%; N 30.42%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 140°

Rare Chemicals Library: S34098-7

References: