Boiling Point: $Bp_{0.25}$ 130°

>>**Derivative:** 1-Ph
Synonym(s): 3-Amino-1-phenylpyrazole

CAS Registry Number: 1128-56-9
Molecular Formula: $C_9H_9N_3$
Molecular Weight: 159.19
Accurate Mass: 159.079647
Percentage Composition: C 67.91%; H 5.70%; N 26.40%
Melting Point: Mp 162-164° (as hydrochloride)
pKa Value: pK_a 2.66

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

Molecular Formula: $C_3H_5N_3$
Molecular Weight: 83.093
Accurate Mass: 83.048347
Percentage Composition: C 43.36%; H 6.06%; N 50.57%

>>**Derivative:** 2-Me
Synonym(s): 5-Amino-1-methylpyrazole

CAS Registry Number: 1192-21-8
Molecular Formula: $C_4H_7N_3$
Molecular Weight: 97.119
Accurate Mass: 97.063997
Percentage Composition: C 49.47%; H 7.26%; N 43.27%
pKa Value: pK_a 4.23 (25°, H_2O)

>>**Derivative:** 2-Me; hydrochloride

CAS Registry Number: 32016-34-5
Melting Point: Mp 141-143°

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

CAS Registry Number: 1904-34-3
Physical Description: Large yellow prisms (MeOH)
Melting Point: Mp 221-224°

>>**Derivative:** 2-Ph
Synonym(s): 5-Amino-1-phenylpyrazole

CAS Registry Number: 826-85-7
Molecular Formula: $C_9H_9N_3$
Molecular Weight: 159.19
Accurate Mass: 159.079647
Percentage Composition: C 67.91%; H 5.70%; N 26.40%
Melting Point: Mp 182-185 dec.° (as hydrochloride)
pKa Value: pK_a 3.23

Rare Chemicals Library: S43807-3

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