>>**Entry Name: 4-Amino-1*H*-pyrazole-3-carboxylic acid,** 9CI
Synonym(s): 4-Amino-1*H*-pyrazole-5-carboxylic acid, 9CI

Molecular Formula: $C_4H_5N_3O_2$
Molecular Weight: 127.102
Accurate Mass: 127.038177
Percentage Composition: C 37.80%; H 3.96%; N 33.06%; O 25.18%
Physical Description: Flakes (H_2O)
Melting Point: Mp 212.5 dec.°
Other Data: 1-Unsubstituted derivs. tautomeric with the 5-carboxylic acid

>>**Derivative:** Et ester

CAS Registry Number: 55904-61-5
Molecular Formula: $C_6H_9N_3O_2$
Molecular Weight: 155.156
Accurate Mass: 155.069477
Percentage Composition: C 46.45%; H 5.85%; N 27.08%; O 20.62%
Melting Point: Mp 90-92°

>>**Derivative:** Amide

CAS Registry Number: 67221-50-5
Molecular Formula: $C_4H_6N_4O$
Molecular Weight: 126.118
Accurate Mass: 126.054161
Percentage Composition: C 38.09%; H 4.80%; N 44.42%; O 12.69%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 181-182°

>>**Derivative:** Nitrile
Synonym(s): 4-Amino-3-cyanopyrazole

CAS Registry Number: 68703-67-3
Molecular Formula: $C_4H_4N_4$
Molecular Weight: 108.102
Accurate Mass: 108.043596
Percentage Composition: C 44.44%; H 3.73%; N 51.83%
Physical Description: Prisms (H_2O or by subl.)
Melting Point: Mp 143.5-145°

>>**Variant:** 1*H*-form

Molecular Formula: $C_4H_5N_3O_2$
Molecular Weight: 127.102
Accurate Mass: 127.038177
Percentage Composition: C 37.80%; H 3.96%; N 33.06%; O 25.18%

>>**Derivative:** 1-Ph

CAS Registry Number: 64299-26-9
Molecular Formula: $C_{10}H_9N_3O_2$
Molecular Weight: 203.2
Accurate Mass: 203.069477
Percentage Composition: C 59.11%; H 4.46%; N 20.68%; O 15.75%
Physical Description: Cryst. (H_2O)
Melting Point: Mp 223-225°