



>>Entry Name: **3(5)-Amino-5(3)-methylpyrazole**

Synonym(s): 5-Methyl-1*H*-pyrazol-3-amine, 9CI

CAS Registry Number: 31230-17-8

Related CAS Registry Numbers(s): 61480-28-2 71680-57-4 103068-64-0

Molecular Formula: C₄H₇N₃

Molecular Weight: 97.119

Accurate Mass: 97.063997

Percentage Composition: C 49.47%; H 7.26%; N 43.27%

Physical Description: Solid

Melting Point: Mp 47-48°

Boiling Point: Bp₄ 146.5-147°. Bp_{0.4} 117°

Aldrich: 34020-0

Fluka: 8610

>>Derivative: Hydrochloride

CAS Registry Number: 133284-56-7

Physical Description: Solid + 1H₂O

Melting Point: Mp 258° (anhyd.)

Other Data: Hydrate dehydrates on heating to 110°

>>Derivative: Picrate

Physical Description: Microscopic yellow needles (H₂O)

Melting Point: Mp 213-214°

>>Derivative: *N*³-Me

Synonym(s): 3(5)-Methyl-5(3)-(methylamino)pyrazole

CAS Registry Number: 73844-02-7

Physical Description: Solid

Melting Point: Mp 60°

Boiling Point: Bp₃ 164°

Other Data: Extremely deliquescent cryst.

>>Derivative: *N*³-Me, hydrochloride

Physical Description: Plates (EtOH)

Melting Point: Mp 266°