



Physical Description: Needles (H₂O)

Melting Point: Mp 69°

>>**Derivative:** Et ester; hydrochloride

CAS Registry Number: 113270-87-4

Physical Description: Cryst.

Melting Point: Mp 188-189°

>>**Derivative:** Amide

CAS Registry Number: 54184-81-5

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%

Melting Point: Mp 206-207°

>>**Derivative:** Nitrile

Synonym(s): 2-Amino-3-cyano-4-methylpyrazole

CAS Registry Number: 5453-07-6

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. (EtOH aq.)

Melting Point: Mp 163°

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

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%

Physical Description: Prisms (AcOH aq.)

Melting Point: Mp 91°

References: