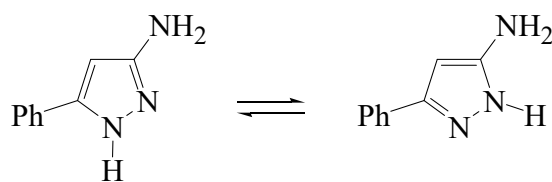




>>Entry Name: 3-Amino-5-phenylpyrazole, 8CI

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



CAS Registry Number: 1572-10-7

Related CAS Registry Numbers(s): 827-41-8

Molecular Formula: C₉H₉N₃

Molecular Weight: 159.19

Accurate Mass: 159.079647

Percentage Composition: C 67.91%; H 5.70%; N 26.40%

Physical Description: Plates (EtOAc/petrol or MeOH aq.)

Melting Point: Mp 126-127°

Aldrich: 39379-7

Rare Chemicals Library: S16456-9

>>Derivative: Picrate

Melting Point: Mp 200-201°

>>Derivative: 3-*N*-Ac

CAS Registry Number: 50671-40-4

Molecular Formula: C₁₁H₁₁N₃O

Molecular Weight: 201.227

Accurate Mass: 201.090212

Percentage Composition: C 65.66%; H 5.51%; N 20.88%; O 7.95%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 147°

>>Derivative: 3-*N*-Et

Synonym(s): 3-Ethylamino-5-phenylpyrazole

CAS Registry Number: 101476-66-8

Molecular Formula: C₁₁H₁₃N₃

Molecular Weight: 187.244

Accurate Mass: 187.110947

Percentage Composition: C 70.56%; H 7.00%; N 22.44%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 98-100°

>>Variant: 2*H*-form

Molecular Formula: C₉H₉N₃

Molecular Weight: 159.19

Accurate Mass: 159.079647

Percentage Composition: C 67.91%; H 5.70%; N 26.40%

>>Derivative: 2-*N*-Ac

Molecular Formula: C₁₁H₁₁N₃O

Molecular Weight: 201.227

Accurate Mass: 201.090212

Percentage Composition: C 65.66%; H 5.51%; N 20.88%; O 7.95%

Physical Description: Cryst.

Melting Point: Mp 236°

References: