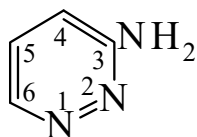




>>Entry Name: 3-Aminopyridazine

Synonym(s): 3-Pyridazinamine, 9Cl



CAS Registry Number: 5469-70-5

Molecular Formula: C₄H₅N₃

Molecular Weight: 95.104

Accurate Mass: 95.048347

Percentage Composition: C 50.52%; H 5.30%; N 44.18%

Physical Description: Cryst. (EtOH/pentane)

Melting Point: Mp 172°

pKa Value: pK_a 5.19 (20°)

>>Derivative: 1-Oxide

Molecular Formula: C₄H₅N₃O

Molecular Weight: 111.103

Accurate Mass: 111.043262

Percentage Composition: C 43.24%; H 4.54%; N 37.82%; O 14.40%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 139-141°

>>Derivative: 2-Oxide

Molecular Formula: C₄H₅N₃O

Molecular Weight: 111.103

Accurate Mass: 111.043262

Percentage Composition: C 43.24%; H 4.54%; N 37.82%; O 14.40%

Physical Description: Cryst.

Melting Point: Mp 215°

References:

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Steck, E.A. *et al.*, *J.A.C.S.*, 1954, **76**, 3225, (*synth*)

Katritzky, A.R. *et al.*, *J.C.S.(B)*, 1968, 873, (*pmr*)

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