



>>Entry Name: 3-Amino-6-hydroxypyridazine

Synonym(s): 6-Amino-3(2*H*)-pyridazinone, 9Cl. 6-Amino-3-pyridazinol

CAS Registry Number: 57041-95-9

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%

>>Variant: 2*H*-form

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%

>>Derivative: *N*²-Me

CAS Registry Number: 13506-28-0

Molecular Formula: C₅H₇N₃O

Molecular Weight: 125.13

Accurate Mass: 125.058912

Percentage Composition: C 47.99%; H 5.64%; N 33.58%; O 12.79%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 220-223°

>>Derivative: *N*¹-Oxide

CAS Registry Number: 87814-41-3

Molecular Formula: C₄H₅N₃O₂

Molecular Weight: 127.102

Accurate Mass: 127.038177

Percentage Composition: C 37.80%; H 3.96%; N 33.06%; O 25.18%

Physical Description: Solid (EtOH)

Melting Point: Mp 241-244 dec.°

>>Variant: *OH*-form

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%

>>Derivative: *O*-Ac

Molecular Formula: C₆H₇N₃O₂

Molecular Weight: 153.14

Accurate Mass: 153.053827

Percentage Composition: C 47.06%; H 4.61%; N 27.44%; O 20.90%

Physical Description: Powder (EtOH)

Melting Point: Mp 264-265 dec.°

>>Derivative: Me ether

Synonym(s): 6-Methoxy-3-pyridazinamine, 9Cl

CAS Registry Number: 7252-84-8

Molecular Formula: C₅H₇N₃O

Molecular Weight: 125.13

Accurate Mass: 125.058912

Percentage Composition: C 47.99%; H 5.64%; N 33.58%; O 12.79%

Physical Description: Cryst. (EtOAc or CHCl₃/petrol)

Melting Point: Mp 106°

References: