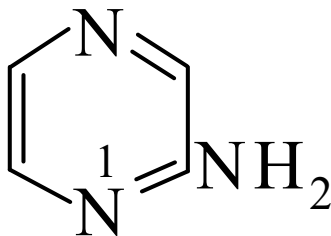




>>Entry Name: Aminopyrazine

Synonym(s): Pyrazinamine, 9CI



CAS Registry Number: 5049-61-6

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. (toluene)

Melting Point: Mp 117-118°

pKa Value: pK_a 2.93 (25°)

Other Data: λ_{max} 231 (log ε 3.99) and 317 nm (3.69) (H₂O)

Aldrich: A7695-8

Fluka: 9332

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 51731-76-1

Physical Description: Cryst. (EtOH)

Melting Point: Mp 162-164°

>>Derivative: *N*-Ac

Synonym(s): *N*-Pyrazinylacetamide, 9CI. Acetamidopyrazine

CAS Registry Number: 21352-21-6

Molecular Formula: C₆H₇N₃O

Molecular Weight: 137.141

Accurate Mass: 137.058912

Percentage Composition: C 52.55%; H 5.14%; N 30.64%; O 11.67%

Melting Point: Mp 133°

>>Derivative: *N*-Benzoyl

Synonym(s): *N*-Pyrazinylbenzamide, 9CI

CAS Registry Number: 87814-40-2

Molecular Formula: C₁₁H₉N₃O

Molecular Weight: 199.212

Accurate Mass: 199.074562

Percentage Composition: C 66.32%; H 4.55%; N 21.09%; O 8.03%

Melting Point: Mp 171°

>>Derivative: 1-Oxide

CAS Registry Number: 21720-40-1

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. (EtOH/AcOH)

Melting Point: Mp 187-188°