



>>Derivative: 2-*N*-Ac

Synonym(s): *N*-2-Pyridinylacetamide, 9Cl

CAS Registry Number: 5231-96-9

Molecular Formula: C₇H₈N₂O

Molecular Weight: 136.153

Accurate Mass: 136.063663

Percentage Composition: C 61.75%; H 5.92%; N 20.57%; O 11.75%

Physical Description: Cryst. (petrol/C₆H₆)

Melting Point: Mp 71°

Rare Chemicals Library: S35714-6

>>Derivative: 2-*N*-Benzoyl

Synonym(s): *N*-2-Pyridinylbenzamide, 9Cl. 2-Benzamidopyridine

CAS Registry Number: 4589-12-2

Molecular Formula: C₁₂H₁₀N₂O

Molecular Weight: 198.224

Accurate Mass: 198.079313

Percentage Composition: C 72.71%; H 5.08%; N 14.13%; O 8.07%

Use/Importance: Used for extraction-photometric detn. of Au(*III*) ($\lambda_{\max}$ 395 nm, ϵ 5200), Mo ($\lambda_{\max}$ 470 nm, ϵ 19000)

Melting Point: Mp 85-87°. Mp 94°

>>Derivative: 2-*N*-Me

see 2-(Methylamino)pyridine, [FXS50-G](#)

>>Derivative: 2-*N,N*-Di-Me

Synonym(s): 2-(Dimethylamino)pyridine

CAS Registry Number: 5683-33-0

Extra CAS Registry Numbers(s): 57951-36-7

Molecular Formula: C₇H₁₀N₂

Molecular Weight: 122.169

Accurate Mass: 122.084398

Percentage Composition: C 68.82%; H 8.25%; N 22.93%

Boiling Point: Bp 196°

Aldrich: 10224-5

Fluka: 39403

>>Derivative: 2-*N,N*-Di-Me, picrate

Physical Description: Yellow cryst.

Melting Point: Mp 182°

>>Derivative: 2-*N*-Et

Synonym(s): 2-(Ethylamino)pyridine

CAS Registry Number: 37059-57-7

Molecular Formula: C₇H₁₀N₂

Molecular Weight: 122.169

Accurate Mass: 122.084398

Percentage Composition: C 68.82%; H 8.25%; N 22.93%

Boiling Point: Bp₄ 79-82°

>>Derivative: 2-*N*-Et; sulfate

Melting Point: Mp 111-113°

>>Derivative: 2-*N*-Et, picrate

CAS Registry Number: 37059-58-8

Physical Description: Cryst. (EtOH)

Melting Point: Mp 140-142°