



CAS Registry Number: 2466-76-4
Molecular Formula: C₅H₆N₂O
Molecular Weight: 110.115
Accurate Mass: 110.048013
Percentage Composition: C 54.54%; H 5.49%; N 25.44%; O 14.53%
Use/Importance: Transfer acetylating agent. Derivatisation reagent in anal., e.g. for ms of sugars
Melting Point: Mp 104-105°. Mp 101.5-102.5°
Hazard & Toxicity: Exp. neoplastic agent

Aldrich: 15786-4
Fluka: 1194
Sigma: A9625

>>Derivative: *N*-(Methanesulfonyl)

CAS Registry Number: 40736-26-3
Molecular Formula: C₄H₆N₂O₂S
Molecular Weight: 146.17
Accurate Mass: 146.014998
Percentage Composition: C 32.87%; H 4.14%; N 19.16%; O 21.89%; S 21.94%
Physical Description: Cryst. (toluene)
Melting Point: Mp 92-94°
Other: Oakwood 3398

>>Derivative: *N*-Butanoyl

CAS Registry Number: 4122-54-7
Molecular Formula: C₇H₁₀N₂O
Molecular Weight: 138.169
Accurate Mass: 138.079313
Percentage Composition: C 60.85%; H 7.29%; N 20.27%; O 11.58%
Refractive Index: n_D²⁰ 1.4960
Aldrich: 38999-4

>>Derivative: *N*-Pentafluoropropanoyl

CAS Registry Number: 71735-32-5
Molecular Formula: C₆H₃F₅N₂O
Molecular Weight: 214.094
Accurate Mass: 214.016553
Percentage Composition: C 33.66%; H 1.41%; F 44.37%; N 13.08%; O 7.47%
Boiling Point: Bp₁₅ 46-47°
Other: Oakwood 3772

>>Derivative: *N*-Pentafluorobenzoyl

CAS Registry Number: 75641-06-4
Molecular Formula: C₁₀H₃F₅N₂O
Molecular Weight: 262.138
Accurate Mass: 262.016553
Percentage Composition: C 45.82%; H 1.15%; F 36.24%; N 10.69%; O 6.10%
Melting Point: Mp 55-56°
Other: Oakwood 3274

>>Derivative: *N*-Benzoyl

CAS Registry Number: 10364-94-0
Molecular Formula: C₁₀H₈N₂O
Molecular Weight: 172.186
Accurate Mass: 172.063663
Percentage Composition: C 69.76%; H 4.68%; N 16.27%; O 9.29%
Melting Point: Mp 202-203°
Rare Chemicals Library: S61905-1