



Molecular Formula: C₅H₉NO₂
Molecular Weight: 115.132
Accurate Mass: 115.063329
Percentage Composition: C 52.16%; H 7.88%; N 12.17%; O 27.79%
Physical Description: Hygroscopic needles (EtOH/Et₂O)
Melting Point: Mp 205 dec.° (213°)
pKa Value: p*K*_{a2} 10.63 (20°)
Aldrich: 17182-4
Fluka: 81720
Sigma: P0255

>>Derivative: Monohydrate

Melting Point: Mp 190-191°
Solubility: Sol. H₂O, EtOH; insol. Me₂CO, CHCl₃, Et₂O

>>Derivative: Hydrochloride

CAS Registry Number: 26166-36-9
Physical Description: Cryst. (H₂O)
Melting Point: Mp 158-159°

>>Derivative: Et ester

CAS Registry Number: 60169-67-7
Molecular Formula: C₇H₁₃NO₂
Molecular Weight: 143.185
Percentage Composition: C 58.72%; H 9.15%; N 9.78%; O 22.35%
Physical Description: Oil
Boiling Point: Bp₁₃ 80°

>>Derivative: Amide

CAS Registry Number: 38806-33-6
Molecular Formula: C₅H₁₀N₂O
Molecular Weight: 114.147
Accurate Mass: 114.079313
Percentage Composition: C 52.61%; H 8.83%; N 24.54%; O 14.02%
Physical Description: Cryst. (C₆H₆)
Melting Point: Mp 93°

>>Derivative: Anhydride

Molecular Formula: C₁₆H₁₄N₂O₃
Molecular Weight: 282.298
Accurate Mass: 282.100443
Percentage Composition: C 68.08%; H 5.00%; N 9.92%; O 17.00%
Melting Point: Mp 183-184°

>>Derivative: *N*-Ac

CAS Registry Number: 1074-79-9
Molecular Formula: C₇H₁₁NO₃
Molecular Weight: 157.169
Accurate Mass: 157.073894
Percentage Composition: C 53.49%; H 7.05%; N 8.91%; O 30.54%
Melting Point: Mp 106°

>>Derivative: *N*-(3-Nitrobenzoyl)

Physical Description: Prisms (H₂O)
Melting Point: Mp 90-92°

>>Derivative: *N*-Me

References: