



Accurate Mass: 199.063329
Percentage Composition: C 72.35%; H 4.55%; N 7.03%; O 16.06%
Physical Description: Cryst. (petrol)
Melting Point: Mp 90°

>>Derivative: *N*-Me

Synonym(s): 1-Methyl-2-pyrrolecarboxaldehyde

CAS Registry Number: 1192-58-1
Molecular Formula: C₆H₇NO
Molecular Weight: 109.127
Accurate Mass: 109.052764
Percentage Composition: C 66.04%; H 6.47%; N 12.84%; O 14.66%
Physical Description: Oil with odour resembling benzaldehyde
Boiling Point: Bp₃₂ 94-96°. Bp₁₁ 75-76°
Other Data: On boiling rapidly turns yellow, then purple, finally deep red. Stable in alkali resinifies with acids

Aldrich: 13005-2

Fluka: 69101

>>Derivative: *N*-Me, oxime

Molecular Formula: C₆H₈N₂O
Molecular Weight: 124.142
Accurate Mass: 124.063663
Percentage Composition: C 58.05%; H 6.50%; N 22.57%; O 12.89%
Melting Point: Mp 152°

>>Derivative: *N*-Me, semicarbazone

Physical Description: Cryst. (EtOH)
Melting Point: Mp 207-208°

>>Derivative: *N*-Me, phenylhydrazone

Melting Point: Mp 127-128°

>>Derivative: *N*-Et

Synonym(s): 1-Ethyl-1*H*-pyrrole-2-carboxaldehyde

CAS Registry Number: 2167-14-8
Molecular Formula: C₇H₉NO
Molecular Weight: 123.154
Accurate Mass: 123.068414
Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%
Physical Description: Light yellow oil
Boiling Point: Bp₇ 73-75°

>>Derivative: *N*-Et, phenylhydrazone

Melting Point: Mp 75°

>>Derivative: *N*-Butyl

CAS Registry Number: 17164-95-3
Molecular Formula: C₉H₁₃NO
Molecular Weight: 151.208
Accurate Mass: 151.099714
Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%
Physical Description: Oil
Boiling Point: Bp₁₁ 148-150°