



CAS Registry Number: 16252-90-7

Molecular Formula: C₄H₁₀N₂O

Molecular Weight: 102.136

Accurate Mass: 102.079313

Percentage Composition: C 47.04%; H 9.87%; N 27.43%; O 15.66%

Physical Description: Cryst. (CHCl₃/petrol)

Melting Point: Mp 127°

>>Derivative: Nitrile

Synonym(s): 2-Cyano-2-propylamine

CAS Registry Number: 19355-69-2

Molecular Formula: C₄H₈N₂

Molecular Weight: 84.121

Accurate Mass: 84.068748

Percentage Composition: C 57.11%; H 9.59%; N 33.30%

Physical Description: Oil

Boiling Point: Bp₁₅ 51-52°

Solubility: Sol. H₂O, EtOH, Et₂O, C₆H₆

>>Derivative: Nitrile; hydrochloride

Physical Description: Needles (EtOH/Et₂O)

Melting Point: Mp 144-146°

>>Derivative: *N*-Formyl, amide

CAS Registry Number: 124070-84-4

Molecular Formula: C₅H₁₀N₂O₂

Molecular Weight: 130.146

Accurate Mass: 130.074228

Percentage Composition: C 46.14%; H 7.74%; N 21.52%; O 24.59%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 160-163°

>>Derivative: *N*-*tert*-Butyloxycarbonyl

CAS Registry Number: 30992-29-1

Molecular Formula: C₉H₁₇NO₄

Molecular Weight: 203.238

Accurate Mass: 203.115759

Percentage Composition: C 53.19%; H 8.43%; N 6.89%; O 31.49%

Physical Description: Cryst. (Et₂O or CH₂Cl₂/hexane)

Melting Point: Mp 119-120°