



>>Derivative: Et ester; hydrochloride

Melting Point: Mp 148-150°

>>Derivative: Amide

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: Prisms

Melting Point: Mp 74-75°

>>Derivative: Nitrile

Synonym(s): 2-Aminobutanenitrile. 2-Cyanopropylamine

CAS Registry Number: 40651-89-6

Molecular Formula: C₄H₈N₂

Molecular Weight: 84.121

Accurate Mass: 84.068748

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

Melting Point: Mp 144-145° (as hydrochloride)

>>Derivative: *N*-Formyl

CAS Registry Number: 82413-57-8

Physical Description: Needles (EtOH)

Melting Point: Mp 153°

>>Derivative: *N*-Benzoyl

CAS Registry Number: 5468-52-0

Molecular Formula: C₁₁H₁₃NO₃

Molecular Weight: 207.229

Accurate Mass: 207.089544

Percentage Composition: C 63.76%; H 6.32%; N 6.76%; O 23.16%

Melting Point: Mp 145-146°