



Molecular Weight: 161.157
Accurate Mass: 161.068809
Percentage Composition: C 44.72%; H 6.88%; N 8.69%; O 39.71%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 200 dec.°

>>Derivative: 4-Et ester; hydrochloride

Melting Point: Mp 178-180 dec.°

>>Derivative: Di-Et ester

CAS Registry Number: 43101-48-0
Boiling Point: Bp₂₅ 150-154°. Bp₁₃ 130° (Pressure Bp13-15)

>>Derivative: α-Amide
see Isoasparagine, [CHR24-H](#)

>>Derivative: Dinitrile
Synonym(s): 2-Aminobutanedinitrile. 1,2-Dicyanoethylamine

CAS Registry Number: 5615-94-1
Molecular Formula: C₄H₅N₃
Molecular Weight: 95.104
Accurate Mass: 95.048347
Percentage Composition: C 50.52%; H 5.30%; N 44.18%
Physical Description: Pale yellowish oil

>>Derivative: Imide
see 3-Amino-2,5-pyrrolidinedione, [JBV92-D](#)

>>Derivative: *N*-Ac

CAS Registry Number: 2545-40-6
Molecular Formula: C₆H₉NO₅
Molecular Weight: 175.141
Accurate Mass: 175.048074
Percentage Composition: C 41.15%; H 5.18%; N 8.00%; O 45.68%
Boiling Point: Bp₁₅ 180°. Bp_{1.5} 124°
Sigma: A5625

>>Derivative: *N*-Benzoyl

CAS Registry Number: 17966-68-6
Molecular Formula: C₁₁H₁₁NO₅
Molecular Weight: 237.212
Accurate Mass: 237.063724
Percentage Composition: C 55.70%; H 4.67%; N 5.90%; O 33.72%
Melting Point: Mp 165-166° (158°)

>>Derivative: *N*-Me

CAS Registry Number: 17833-53-3
Molecular Formula: C₅H₉NO₄
Molecular Weight: 147.13
Accurate Mass: 147.053159
Percentage Composition: C 40.82%; H 6.17%; N 9.52%; O 43.50%
Physical Description: Cryst. + 1H₂O (H₂O); cryst. (EtOH aq.)
Melting Point: Mp 133° (hydrate). Mp 175° (anhyd., softens at 138°)
Fluka: 65833
Sigma: M2137