



Accurate Mass: 175.084459
Percentage Composition: C 47.99%; H 7.48%; N 8.00%; O 36.53%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 187° (dec.)

>>Derivative: 5-Et ester; hydrochloride

Physical Description: Cryst. (HCl/Et₂O)
Melting Point: Mp 105-107°

>>Derivative: Di-Et ester

CAS Registry Number: 55895-85-7
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%
Boiling Point: Bp₇ 126-128°

>>Derivative: Di-Et ester; hydrochloride

CAS Registry Number: 65710-34-1
Melting Point: Mp 74-75°

>>Derivative: 5-Monoamide

>>Derivative: 1-Mononitrile
Synonym(s): 4-Amino-4-cyanobutanoic acid

CAS Registry Number: 31883-84-8
Molecular Formula: C₅H₈N₂O₂
Molecular Weight: 128.13
Accurate Mass: 128.058578
Percentage Composition: C 46.87%; H 6.29%; N 21.86%; O 24.97%
Physical Description: Prisms (EtOH aq.)
Melting Point: Mp 134.5-136.5°
Optical Rotation: [α]_D²⁴+25.3 (c, 0.8 in H₂O)

>>Derivative: *N*-(4-Aminobenzoyl)

>>Derivative: *N*-Me
Synonym(s): 2-(Methylamino)pentanedioic acid. *N*-Methylglutamic acid

CAS Registry Number: 35989-16-3
Molecular Formula: C₆H₁₁NO₄
Molecular Weight: 161.157
Accurate Mass: 161.068809
Percentage Composition: C 44.72%; H 6.88%; N 8.69%; O 39.71%
Physical Description: Rhombohedra (H₂O)
Melting Point: Mp 156-158°. Mp 200 dec.°
Sigma: M9751

>>Derivative: *N*-Me; hydrochloride

Melting Point: Mp 159-160°. Mp 210-213°

>>Derivative: *N*-Me, *N*-Ac

Molecular Formula: C₈H₁₃NO₅
Molecular Weight: 203.194
Accurate Mass: 203.079374
Percentage Composition: C 47.29%; H 6.45%; N 6.89%; O 39.37%
Physical Description: Cryst. (Me₂CO)
Melting Point: Mp 203 dec.°