



Molecular Weight: 231.291
Accurate Mass: 231.147059
Percentage Composition: C 57.12%; H 9.15%; N 6.06%; O 27.67%
Physical Description: Cryst. (cyclohexane)
Melting Point: Mp 48°
Boiling Point: Bp_{0.25} 162-166°

>>**Derivative:** *N*-Benzyloxycarbonyl

CAS Registry Number: 1947-00-8
Molecular Formula: C₁₄H₁₉NO₄
Molecular Weight: 265.308
Accurate Mass: 265.131409
Percentage Composition: C 63.38%; H 7.22%; N 5.28%; O 24.12%
Physical Description: Cryst. (Et₂O/petrol)
Melting Point: Mp 54-57°

>>**Derivative:** *N*-Me

Synonym(s): 6-(Methylamino)hexanoic acid

CAS Registry Number: 26410-96-8
Molecular Formula: C₇H₁₅NO₂
Molecular Weight: 145.201
Accurate Mass: 145.110279
Percentage Composition: C 57.90%; H 10.41%; N 9.65%; O 22.04%
Physical Description: V. hygroscopic cryst. (EtOH/Et₂O), or cryst. + 1.5H₂O (H₂O)
Melting Point: Mp 132° (anhyd.). Mp *ca.* 67° (hydrate)
Solubility: V. sol. H₂O; insol. Et₂O

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

Synonym(s): 6-(Dimethylamino)hexanoic acid

CAS Registry Number: 1072-09-9
Molecular Formula: C₈H₁₇NO₂
Molecular Weight: 159.228
Accurate Mass: 159.125929
Percentage Composition: C 60.35%; H 10.76%; N 8.80%; O 20.10%
Melting Point: Mp 107-109°

>>**Derivative:** *N,N*-Di-Me, Me ester

CAS Registry Number: 72887-87-7
Molecular Formula: C₉H₁₉NO₂
Molecular Weight: 173.255
Accurate Mass: 173.141579
Percentage Composition: C 62.39%; H 11.05%; N 8.08%; O 18.47%
Boiling Point: Bp 209-210°

>>**Derivative:** Lactam

References: