



Physical Description: Cryst. (toluene/hexane)
Melting Point: Mp 76-78° (71-72°)
Sigma: C6127

>>**Derivative:** *N*-4-Methylbenzenesulfonyl

CAS Registry Number: 32013-47-1
Melting Point: Mp 110-111°

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

CAS Registry Number: 2566-32-7
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 300°
Sigma: M9377

>>**Derivative:** *N*-Ph

Synonym(s): *N*-Phenylvaline, 8Cl. 2-Anilino-3-methylbutyric acid. 2-Anilinoisovaleric acid

CAS Registry Number: 21883-61-4
Molecular Formula: C₁₁H₁₅NO₂
Molecular Weight: 193.245
Accurate Mass: 193.110279
Percentage Composition: C 68.37%; H 7.82%; N 7.25%; O 16.56%
Physical Description: Leaflets (H₂O)
Melting Point: Mp 135°

>>**Derivative:** *N*-Ph, Et ester

Molecular Formula: C₁₃H₁₉NO₂
Molecular Weight: 221.299
Accurate Mass: 221.141579
Percentage Composition: C 70.56%; H 8.65%; N 6.33%; O 14.46%
Boiling Point: Bp 275-283°

>>**Derivative:** *N*-Ph, amide

Molecular Formula: C₁₁H₁₆N₂O
Molecular Weight: 192.26
Accurate Mass: 192.126263
Percentage Composition: C 68.72%; H 8.39%; N 14.57%; O 8.32%
Melting Point: Mp 102-103°

>>**Derivative:** *N*-2,4-Dinitrophenyl

CAS Registry Number: 10547-33-8
Melting Point: Mp 184°

References: