



Molecular Formula: $C_{11}H_{13}NO_3$

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 202 dec.°

>>Derivative: *N*-Benzyloxycarbonyl

CAS Registry Number: 15030-72-5

Molecular Formula: $C_{12}H_{15}NO_4$

Molecular Weight: 237.255

Accurate Mass: 237.100109

Percentage Composition: C 60.75%; H 6.37%; N 5.90%; O 26.97%

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 82-84°

Aldrich: 37094-0

>>Derivative: *N*-Me

CAS Registry Number: 2566-34-9

Molecular Formula: $C_5H_{11}NO_2$

Molecular Weight: 117.147

Accurate Mass: 117.078979

Percentage Composition: C 51.26%; H 9.46%; N 11.96%; O 27.31%

Use/Importance: Used in studies of sodium salt and amino acid transport

Melting Point: Mp 300°

Aldrich: 86022-0

Sigma: M2383

>>Derivative: *N*-Ph

Synonym(s): 2-Methyl-2-(phenylamino)propanoic acid, 9CI. 2-Anilino-2-methylpropanoic acid

Molecular Formula: $C_{10}H_{13}NO_2$

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Physical Description: Needles (H₂O)

Melting Point: Mp 184-185°