



Percentage Composition: C 62.17%; H 5.74%; N 7.25%; O 24.84%

Melting Point: Mp 151°

Optical Rotation: $[\alpha]_D -37.3$ (c, 0.8 in KOH)

Rare Chemicals Library: S45506-7

Sigma: B0504

>> **Derivative:** *N*-tert-Butyloxycarbonyl

CAS Registry Number: 7764-95-6

Molecular Formula: C₈H₁₅NO₄

Molecular Weight: 189.211

Accurate Mass: 189.100109

Percentage Composition: C 50.78%; H 7.99%; N 7.40%; O 33.82%

Physical Description: Cryst. (EtOAc/pentane)

Melting Point: Mp 80-81°

Optical Rotation: $[\alpha]_D^{20} +24.6$ (c, 2 in AcOH)

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

Synonym(s): *N*-Methylalanine, 9Cl. 2-(Methylamino)propanoic acid

CAS Registry Number: 29475-64-7

Molecular Formula: C₄H₉NO₂

Molecular Weight: 103.121

Accurate Mass: 103.063329

Percentage Composition: C 46.59%; H 8.80%; N 13.58%; O 31.03%

Physical Description: Needles + 1H₂O (EtOH)

Melting Point: Mp *ca.* 300°

Optical Rotation: $[\alpha]_D^{20} -5.9$ (H₂O)

Sigma: M7524