



Optical Rotation: $[\alpha]_{\text{D}}^{20} +1.55$ (neat) (92.3% op)

>>Derivative: Amide

CAS Registry Number: 62965-57-5

Molecular Formula: $\text{C}_6\text{H}_{14}\text{N}_2\text{O}$

Molecular Weight: 130.189

Accurate Mass: 130.110613

Percentage Composition: C 55.35%; H 10.84%; N 21.52%; O 12.29%

Melting Point: Mp 205° (as hydrochloride)

Optical Rotation: $[\alpha]_{\text{D}}^{23} +41.8$ (c, 1 in MeOH)

>>Derivative: *N*-tert-Butyloxycarbonyl, dicyclohexylamine salt

Melting Point: Mp 165°

Optical Rotation: $[\alpha]_{\text{D}}^{23} -7.2$ (c, 1 in MeOH)

>>Derivative: *N*-Benzyloxycarbonyl

CAS Registry Number: 62965-10-0

Molecular Formula: $\text{C}_{14}\text{H}_{19}\text{NO}_4$

Molecular Weight: 265.308

Accurate Mass: 265.131409

Percentage Composition: C 63.38%; H 7.22%; N 5.28%; O 24.12%

Physical Description: Syrup

Optical Rotation: $[\alpha]_{\text{D}}^{20} +5.9$ (c, 1.0 in MeOH)

>>Derivative: *N*-Benzyloxycarbonyl, dicyclohexylamine salt

CAS Registry Number: 62965-37-1

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 165.5-166°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +8.5$ (c, 1.0 in MeOH)

>>Variant: (±)-form

CAS Registry Number: 33105-81-6

Molecular Formula: $\text{C}_6\text{H}_{13}\text{NO}_2$

Molecular Weight: 131.174

Accurate Mass: 131.094629

Percentage Composition: C 54.94%; H 9.99%; N 10.68%; O 24.39%

Physical Description: Cryst. (Me₂CO aq.)

Melting Point: Mp 250-251 subl.°

Aldrich: 33217-8

Fluka: 61837

>>Derivative: Et ester

Molecular Formula: $\text{C}_8\text{H}_{17}\text{NO}_2$

Molecular Weight: 159.228

Accurate Mass: 159.125929

Percentage Composition: C 60.35%; H 10.76%; N 8.80%; O 20.10%

Boiling Point: Bp₁₂ 90-100°

References:

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