



Melting Point: Mp 115-118°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -4.7$ (c, 1.1 in DMF)

>>**Variant:** (*S*)-form

CAS Registry Number: 3775-72-2

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: Prisms (MeOH)

Melting Point: Mp 215° (220° dec.)

Optical Rotation: $[\alpha]_{\text{D}}^{20} +35.3$ (H₂O)

>>**Derivative:** Me ester

CAS Registry Number: 83509-89-1

Boiling Point: Bp₁₃ 54-55°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +8.91$. $[\alpha]_{\text{D}}^{25} +32.2$ (c, 1 in EtOH)

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

CAS Registry Number: 113034-32-5

Melting Point: Mp 108-109°

Optical Rotation: $[\alpha]_{\text{D}}^{25} -42$ (c, 0.77 in CHCl₃)

>>**Derivative:** *N*-9-Fluorenylmethoxycarbonyl

CAS Registry Number: 193954-26-6

Extra CAS Registry Numbers(s): 186320-18-3

Molecular Formula: C₁₉H₁₉NO₄

Molecular Weight: 325.363

Accurate Mass: 325.131409

Percentage Composition: C 70.14%; H 5.89%; N 4.30%; O 19.67%

Physical Description: Cryst. (EtOH aq. or CHCl₃/hexane)

Melting Point: Mp 96-98°. Mp 116-118°. Mp 163°

>>**Derivative:** *N*-9-Fluorenylmethoxycarbonyl, Me ester

CAS Registry Number: 193954-33-5

Molecular Formula: C₂₀H₂₁NO₄

Molecular Weight: 339.39

Accurate Mass: 339.147059

Percentage Composition: C 70.78%; H 6.24%; N 4.13%; O 18.86%

Physical Description: Cryst.

Melting Point: Mp 75-77°

Optical Rotation: $[\alpha]_{\text{D}} -27$ (c, 0.57 in CHCl₃)

>>**Variant:** ($\pm$)-form

CAS Registry Number: 2835-82-7

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: Cryst.

Melting Point: Mp 193-194°

Aldrich: A4420-7

Fluka: 7230

Sigma: A2004

>>**Derivative:** Hydrochloride

CAS Registry Number: 5959-33-1

Melting Point: Mp 109.5-110.5°

Other Data: Very hygroscopic