



Optical Rotation: $[\alpha]_D -18.4$ (c, 2 in MeOH)

>>Variant: (S)-form

CAS Registry Number: 4249-19-8

Molecular Formula: $C_4H_9NO_2$

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 184-186°

Optical Rotation: $[\alpha]_D -21$ (c, 0.43 in H_2O)

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

CAS Registry Number: 203854-58-4

Extra CAS Registry Numbers(s): 161125-39-9 186320-19-4

Molecular Formula: $C_{19}H_{19}NO_4$

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. ($CHCl_3$ /hexane)

Melting Point: Mp 162-163°

Optical Rotation: $[\alpha]_D +9.6$ (c, 1.0 in $CHCl_3$)

>>Variant: (±)-form

CAS Registry Number: 10569-72-9

Molecular Formula: $C_4H_9NO_2$

Molecular Weight: 103.121

Accurate Mass: 103.063329

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

Biological Source: Found in urine

Physical Description: Cryst. (H_2O)

Melting Point: Mp 177° (182°)

Aldrich: 21779-4

Fluka: 8290

Sigma: A8504

>>Derivative: Hydrochloride

Melting Point: Mp 120-125°