



Molecular Formula: C₆H₁₁NO₃
Molecular Weight: 145.158
Accurate Mass: 145.073894
Percentage Composition: C 49.65%; H 7.64%; N 9.65%; O 33.07%
Physical Description: Needles + 1H₂O (EtOAc/hexane) (as hydrochloride)
Melting Point: Mp 79-80° (hydrochloride)
Optical Rotation: [α]_D −49.2 (c, 0.5 in MeOH)

>>Derivative: *N*-Ac

CAS Registry Number: 66267-44-5
Molecular Formula: C₇H₁₁NO₄
Molecular Weight: 173.168
Percentage Composition: C 48.55%; H 6.40%; N 8.09%; O 36.96%
Physical Description: Cryst. (EtOH/Et₂O)
Melting Point: Mp 144-145°
Optical Rotation: [α]_D −91.5 (c, 2 in H₂O)

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

CAS Registry Number: 78804-96-3
Molecular Formula: C₈H₁₃NO₄
Molecular Weight: 187.195
Accurate Mass: 187.084459
Percentage Composition: C 51.33%; H 7.00%; N 7.48%; O 34.19%
Physical Description: Cryst. (Et₂O/EtOH)
Melting Point: Mp 78°

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

CAS Registry Number: 13726-69-7
Molecular Formula: C₁₀H₁₇NO₅
Molecular Weight: 231.248
Accurate Mass: 231.110674
Percentage Composition: C 51.94%; H 7.41%; N 6.06%; O 34.59%
Physical Description: Oil

>>Derivative: *N*-*tert*-Butyloxycarbonyl, dicyclohexylamine salt (1:1)

CAS Registry Number: 21157-12-0
Physical Description: Cryst. (EtOAc/petrol)
Melting Point: Mp 194-195°
Optical Rotation: [α]₅₇₈^{21.5} −25.3 (DMF)

>>Derivative: *N*-Benzyloxycarbonyl

Molecular Formula: C₁₃H₁₅NO₅
Molecular Weight: 265.265
Accurate Mass: 265.095024
Percentage Composition: C 58.86%; H 5.70%; N 5.28%; O 30.16%
Physical Description: Cryst. (EtOAc/petrol)
Melting Point: Mp 106-107°
Optical Rotation: [α]_D²⁰ −72 (c, 1 in CHCl₃)

>>Variant: (2*RS*,4*RS*)-form

Synonym(s): DL-*allo*-form. (±)-*cis*-form

CAS Registry Number: 49761-17-3
Molecular Formula: C₅H₉NO₃
Molecular Weight: 131.131
Accurate Mass: 131.058244
Percentage Composition: C 45.80%; H 6.92%; N 10.68%; O 36.60%
Melting Point: Mp 238°