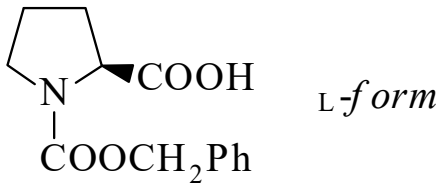
>>**Entry Name: Benzyloxycarbonylproline**
Synonym(s): 1-(Phenylmethyl) 1,2-pyrrolidinedicarboxylate. 1-Benzyl 1,2-pyrrolidinedicarboxylate, 8Cl. Z-ProOH



L-*form*

Molecular Formula: $C_{13}H_{15}NO_4$
Molecular Weight: 249.266
Accurate Mass: 249.100109
Percentage Composition: C 62.64%; H 6.07%; N 5.62%; O 25.67%

>>**Variant:** D-form

CAS Registry Number: 6404-31-5
Molecular Formula: $C_{13}H_{15}NO_4$
Molecular Weight: 249.266
Accurate Mass: 249.100109
Percentage Composition: C 62.64%; H 6.07%; N 5.62%; O 25.67%
Melting Point: Mp 76-78°
Optical Rotation: $[\alpha]_D^{25}$+40.2 (c, 2 in EtOH)
Aldrich: 86073-5
Sigma: C5640

>>**Variant:** L-form

CAS Registry Number: 1148-11-4
Molecular Formula: $C_{13}H_{15}NO_4$
Molecular Weight: 249.266
Accurate Mass: 249.100109
Percentage Composition: C 62.64%; H 6.07%; N 5.62%; O 25.67%
Melting Point: Mp 78-80°
Optical Rotation: $[\alpha]_D$ –61 (c, 2 in AcOH)
Hazard & Toxicity: Exp. reprod. effects

Aldrich: C860-1
Fluka: 97090
Sigma: C4752

>>**Derivative:** 2-*tert*-Butyloxycarbonylhydrazide
Synonym(s): Z-ProNHNHBoc

CAS Registry Number: 53157-64-5
Melting Point: Mp 164°
Optical Rotation: $[\alpha]_D$ –83.4 (c, 1.1 in MeOH)

>>**Derivative:** Me ester

CAS Registry Number: 5211-23-4
Molecular Formula: $C_{14}H_{17}NO_4$
Molecular Weight: 263.293
Accurate Mass: 263.115759
Percentage Composition: C 63.87%; H 6.51%; N 5.32%; O 24.31%
Optical Rotation: $[\alpha]_D^{22}$–36.8 (neat)
Refractive Index: n_D^{20} 1.5217
Aldrich: 36291-3

>>**Derivative:** Succinimido ester
Synonym(s): Z-ProOSu

CAS Registry Number: 3397-33-9
Melting Point: Mp 90°
Optical Rotation: $[\alpha]_D$ –54 (c, 2 in dioxan)
Fluka: 97101
Sigma: C0295