CAS Registry Number: 3182-95-4
Molecular Formula: $C_9H_{13}NO$
Molecular Weight: 151.208
Accurate Mass: 151.099714
Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%
Source/Synthesis: Present in the hydrolysate from Antiamoebin
Physical Description: Cryst. (C_6H_6)
Melting Point: Mp 95°
Optical Rotation: $[\alpha]_D^{24}$–25.76 (c, 3.3 in EtOH)
Hazard & Toxicity: LD_{50} (mus, ipr) 76 mg/kg

Aldrich: 19043-8
Fluka: 78100
Sigma: P4766

>>**Derivative:** Oxalate

Melting Point: Mp 180°

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

CAS Registry Number: 66605-57-0
Physical Description: Cryst.
Melting Point: Mp 94.5-95.5°
Optical Rotation: $[\alpha]_D^{20}$–29.2 (c, 1.0 in MeOH)
Aldrich: 42168-5
Fluka: 15489
Other: CarboMer Inc.

>>**Derivative:** *N*-Benzoyl
Synonym(s): Benzoylphenylalaninol

CAS Registry Number: 4503-96-2
Molecular Formula: $C_{16}H_{17}NO_2$
Molecular Weight: 255.316
Accurate Mass: 255.125929
Percentage Composition: C 75.27%; H 6.71%; N 5.49%; O 12.53%
Source/Synthesis: Alkaloid from the leaves of *Alangium lamarckii* and *Catharanthus pusillus*
Melting Point: Mp 171-173° (169°)
Optical Rotation: $[\alpha]_D^{34}$–64 (c, 0.39 in Py)

>>**Derivative:** *O*,*N*-Dibenzoyl

Molecular Formula: $C_{23}H_{21}NO_3$
Molecular Weight: 359.424
Accurate Mass: 359.152144
Percentage Composition: C 76.86%; H 5.89%; N 3.90%; O 13.35%
Melting Point: Mp 169°

>>**Derivative:** *N*-Benzyloxycarbonyl

CAS Registry Number: 6372-14-1
Physical Description: Cryst.
Melting Point: Mp 92-95°
Optical Rotation: $[\alpha]_D^{20}$–43 (c, 2 in MeOH)
Aldrich: 42172-3
Fluka: 97027

>>**Derivative:** *N*-Isopropyl
Synonym(s): *N*-Isopropylphenylalaninol

Molecular Formula: $C_{12}H_{19}NO$
Molecular Weight: 193.288
Accurate Mass: 193.146664
Percentage Composition: C 74.57%; H 9.91%; N 7.25%; O 8.28%
Use/Importance: Resolving agent
Melting Point: Mp 65-66°
Optical Rotation: [α]