



>>Entry Name: *N*-Alanylvaline

CAS Registry Number: 1472-66-8

Extra CAS Registry Numbers(s): 1999-46-8

$\text{H}_3\text{CCH}(\text{NH}_2)\text{CONHCH}(\text{COOH})\text{CH}(\text{CH}_3)_2$

Molecular Formula: $\text{C}_8\text{H}_{16}\text{N}_2\text{O}_3$

Molecular Weight: 188.226

Accurate Mass: 188.116093

Percentage Composition: C 51.05%; H 8.57%; N 14.88%; O 25.50%

Rare Chemicals Library: S78906-2

>>Variant: D-D-form

Molecular Formula: $\text{C}_8\text{H}_{16}\text{N}_2\text{O}_3$

Molecular Weight: 188.226

Accurate Mass: 188.116093

Percentage Composition: C 51.05%; H 8.57%; N 14.88%; O 25.50%

>>Derivative: *N*-Benzyloxycarbonyl

Melting Point: Mp 149-150°

Optical Rotation: $[\alpha]_{\text{D}}^{23} +23$ (c, 2.0 in MeOH) (lit. gives a temp. range)

>>Variant: L-L-form

CAS Registry Number: 3303-45-5

Molecular Formula: $\text{C}_8\text{H}_{16}\text{N}_2\text{O}_3$

Molecular Weight: 188.226

Accurate Mass: 188.116093

Percentage Composition: C 51.05%; H 8.57%; N 14.88%; O 25.50%

Sigma: A4253

>>Derivative: *N*-Benzyloxycarbonyl

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 122-125°

Optical Rotation: $[\alpha]_{\text{D}}^{22} -12.8$ (c, 3.6 in EtOH)