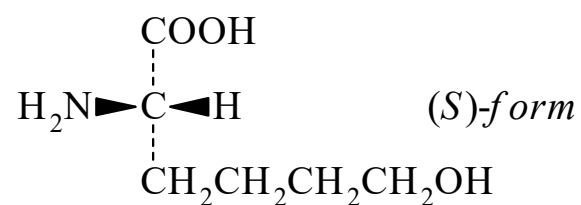




>>Entry Name: 2-Amino-6-hydroxyhexanoic acid

Synonym(s): 6-Hydroxynorleucine, 9Cl. Hexahomoserine



CAS Registry Number: 305-77-1

Molecular Formula: C₆H₁₃NO₃

Molecular Weight: 147.174

Accurate Mass: 147.089544

Percentage Composition: C 48.97%; H 8.90%; N 9.52%; O 32.61%

>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 6033-32-5

Molecular Formula: C₆H₁₃NO₃

Molecular Weight: 147.174

Accurate Mass: 147.089544

Percentage Composition: C 48.97%; H 8.90%; N 9.52%; O 32.61%

Melting Point: Mp 250-251°

Optical Rotation: $[\alpha]_{\text{D}}^{21} +22.8$ (c, 2 in 5M HCl)

>>Variant: (±)-form

CAS Registry Number: 5462-80-6

Molecular Formula: C₆H₁₃NO₃

Molecular Weight: 147.174

Accurate Mass: 147.089544

Percentage Composition: C 48.97%; H 8.90%; N 9.52%; O 32.61%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 265-267°

References:

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