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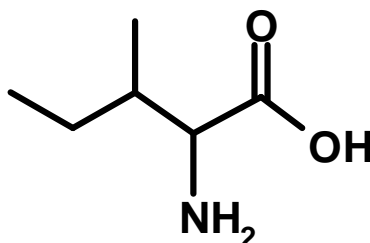
Product Specifications

DL-Isoleucine

CAS 443-79-8

Syn: (+/-)-erythro-2-Amino-3-methylpentanoic acid

Structure:



Mol. Formula
Source

C₆H₁₃NO₂
Synthetic

Mol. Wt.

131.17

<i>Test</i>	<i>Specification</i>
Appearance	White, microcrystalline solid
Mp	275-78 (dec.)°C [Lit. 274-76°C]
Assay (titration)	99.0% - 100.5%
Sp. Rot., [α]_D	-0.5 ° to + 1.5 ° (H ₂ O)
LOD	< 0.5 %
Ash (residue on ignition)	< 0.1%
Heavy metals	< 10 ppm
As	< 1 ppm
NH₄	< 0.02 %
SO₄	< 0.02 %

Storage: Maintain in cool, dry containment.