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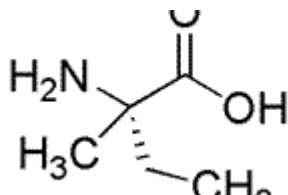
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	33574
Product	L-Isovaline monohydrate (S)-2-Amino-2-methylbutyric acid monohydrate
CAS Number	1266371-20-3
Molecular Formula	C ₅ H ₁₁ NO ₂ • H ₂ O
Molecular Weight	135.16

Appearance	White solid
Optical Rotation	[α] _D ²⁰ = 10 ± 1 ° (C=5 in water)
Analysis by Mass Spectra	Conforms to standard
Residual Solvents	Not identified
Related Substances	Not identified
¹ H NMR	Conforms to structure
Assay by titration	≥ 99.5% (HClO ₄)
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99.5%
Storage	Store at 2 - 8 °C

For Laboratory Use Only