

Chem-Impex International, Inc.

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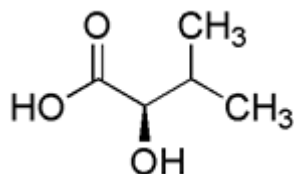
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	05646
Product	D-α-Hydroxyisovaleric acid D-2-Hydroxy-3-methylbutyric acid (R)-2-Hydroxy-3-methylbutyric acid
CAS Number	17407-56-6
Molecular Formula	C ₅ H ₁₀ O ₃
Molecular Weight	118.13

Appearance	Slightly yellow to off-white crystals or solid
Water Content (Karl Fisher)	$\leq 1\%$
Optical Rotation	$[\alpha]_D^{24} = -16 \pm 2^\circ$ (C=2 in Chloroform) $[\alpha]_D^{20} = -12 \pm 2^\circ$ (C=1 in CdCl ₂)
Assay	$\geq 98\%$
Storage	Store at $\leq -4^\circ\text{C}$

For Laboratory Use Only