

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*

**Catalogue Number** 06997  
**Product** **Ac-4,5-dehydro-L-leucine**

Ac-4,5-dehydro-L-Leu-OH

**CAS Number** 88547-24-4

**Molecular Formula** C<sub>8</sub>H<sub>13</sub>NO<sub>3</sub>

**Molecular Weight** 171.2

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**Appearance** White product

**Appearance of Solution** Clear colorless solution (50 mg/ml in methanol)

**Melting Point** 171-175 °C

**Elemental Analysis  
(Theory)** C=56.13%; H=7.65%; N=8.18%

**TLC System** Chloroform/methanol/benzene/H<sub>2</sub>O: 8/8/8/1  
Ethylacetate/pyridine/acetic acid/H<sub>2</sub>O: 60/10/3/4  
Chloroform/methanol/acetic acid: 85/10/5  
Plate: Silicagel 60 F<sub>254</sub>  
Detected by: chlorine-tolidine

**Purity by TLC** ≥ 99%

**Storage** Store at 0-8°C

**For Laboratory Use Only**