

# Chem-Impex International, Inc.

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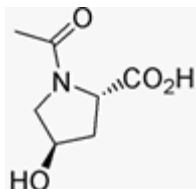
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	02614
<b>Product</b>	<b>Ac-Hyp-OH</b>  Acetyl-L-4-hydroxyproline  N <sup>a</sup> -Acetyl-L-4- <i>trans</i> -hydroxyproline
<b>CAS Number</b>	33996-33-7
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>11</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	173.2
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<b>Appearance</b>	White powder
<b>Appearance of Solution</b>	Clear, colorless solution (50mg/ml in methanol)
<b>Melting Point</b>	131-135 °C
<b>Elemental Analysis (Theory)</b>	C = 48.55%; H = 6.40%; N = 8.09%
<b>Elemental Analysis (Found)</b>	C = 48.45 ± 0.5%; H = 6.42 ± 0.5%; N = 8.04 ± 0.5%
<b>TLC System</b>	n-Butanol/Acetic acid/H <sub>2</sub> O (4:2:2) Chloroform/MeOH/Acetic Acid/H <sub>2</sub> O (60:45:14:6) Chloroform/MeOH/Acetic Acid 32% (5:3:1) Plate: silicagel 60 F <sub>254</sub> Detected by: UV, ninhydrin, chlorine-tolidine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>24</sup> = -117.9 ± 2° (C=1% in Water)
<b>Purity by TLC</b>	≥ 95%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**