

Chem-Impex International, Inc.

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

Certificate of Analysis

Catalog Number	03092
Product Name	H-D-Leu-OtBu•HCl
Lot Number	3092-110703-1
CAS Registry Number	2748-02-9
Molecular Formula	C ₁₀ H ₂₁ NO ₂ •HCl
Molecular Weight	223.7
Appearance	White powder
Melting Point	164 – 165 °C
Specific Rotation [α] _D ²⁰	-19.03 ° (c=2.025% in EtOH)
Purity (HPLC)	99+ %
Storage	Store at -0°C.
Remarks	See material safety data sheets for additional information. For laboratory use only.



Sashi Kumar
Quality Control Manager

HPLC Conditions

Column	Beckman Ultrasphere 5 μ m, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	16.0
Sample preparation	12 mg/1 mL 100% Methanol
Injection volume, μl	5

Method /Detection at, nm

Boc 10/ 210

Gradient

10-60% B

A = 99.9% Water, 0.1% TFA

B = 95% Acetonitrile, 4.9% Water, 0.1% TFA

30 min, flow rate = 1.0 ml / min