Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	07410
Product Name	**Boc-Ala(styryl)-OH·DCHA** Boc-3-styryl-L-alanine dicyclohexylamine salt
Lot Number	07410-012907-1
Molecular Formula	$C_{16}H_{21}NO_4 \cdot C_{12}H_{23}N$
Molecular Weight	472.67
Appearance	White powder
Melting point	103-106 °C
Specific Optical Rotation	α^{25}_D = 37.44 º (C=1, MeOH)
Purity (HPLC)	99%
Storage	Store at -15°C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

Quality Control Manager

HPLC Conditions

Column	Beckman Ultrasphere 5 μm, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	11.01
Sample preparation	2 mg/1 ml 100% Acetonitrile/Water
Injection volume, μl	5
Method /Detection at, nm	**Gradient**
Boc / 210	30-80% 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