



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-1497
Product Name	Z-Glu(OtBu)-OSu
Lot Number	111703-1
CAS Registry Number	4666-16-4
Molecular Formula	C ₂₁ H ₂₆ N ₂ O ₈
Molecular Weight	434.5
Appearance	White powder
Melting Point	106 – 110°C
Specific Rotation [α] _D ²⁰	+ 32.6° (1.016 % in MeOH)
Purity (HPLC)	98 %
Storage	Store at -0°C

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	18.267
Sample preparation	12 mg/1 mL 100% Acetonitrile/Water
Injection volume, μ l	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