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Certificate of Analysis

Catalog Number	12222
Product Name	Z-Chg-OH
Lot Number	12222-042204-1
Molecular Formula	C ₁₆ H ₂₁ NO ₄
Molecular Weight	291.35
Appearance	White powder
Melting Point	114 – 117 °C
Specific Rotation [α] _D ²⁰	+ 7.8 ° (c=1.032 % in DMF)
Purity (HPLC)	98 %
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only



Sashi Kumar
Quality Control Manager

HPLC Conditions

Column	Beckman Ultrasphere 5 μm , 250x4.6 mm, 150 \AA
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	15.8
Sample preparation	2 mg/1 mL 100% Acetonitrile/Water
Injection volume, μl	5

Method /Detection at, nm

Gradient

	30-80% B
	A = 99.9% Water, 0.1% TFA
Boc / 210	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min

