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Certificate of Analysis

Catalog Number	03877
Product Name	Z-D-Glu(OMe)-OH Z-D-glutamic acid γ -methyl ester
Lot Number	03877-121806-1
CAS Registry Number	27025-24-7
Molecular Formula	C ₁₄ H ₁₇ NO ₆
Molecular Weight	295.29
Appearance	White powder
Melting Point	65-71 °C
Specific Optical Rotation	$\alpha_D^{20} = 10.21^\circ$ (c=1.0, 1.4 N KHCO ₃)
Purity (HPLC)	97%
Storage	Store at -0°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 \AA
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	7.68
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
	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 mL / min

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