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Certificate of Analysis

Catalog Number	02145
Product Name	Z-Asn-o-nitrophenyl ester
Lot Number	2145-020604-1
Molecular Formula	C ₁₈ H ₁₇ N ₃ O ₇
Molecular Weight	387.3
Appearance	Off-white powder
Melting Point	160 – 161 °C
Specific Rotation [α]²⁰_D	- 40.2 °
Purity (HPLC)	98 %
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	12.067
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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