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Certificate of Analysis

Catalog Number	04923
Product Name	Boc-3-nitro-Tyr-OH
Lot Number	4923-062804-1
Molecular Formula	C ₁₄ H ₁₈ N ₂ O ₇
Molecular Weight	326.31
Appearance	Yellow powder
Melting Point	145 – 147 °C
Specific Rotation [α]_D²⁰	+ 22.3 ° (c=1.007 % in MeOH)
Purity (HPLC)	98+ %
Storage	Store at 0-5°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	10.050
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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