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Certificate of Analysis

Catalog Number	02263
Product Name	Z-Trp-ONp
Lot Number	2263-021004-1
CAS Registry Number	16624-64-9
Molecular Formula	C ₂₅ H ₂₁ N ₃ O ₆
Molecular Weight	459.5
Appearance	Yellow powder
Melting Point	98 – 100 °C
Specific Rotation (α^{20}_D)	- 3.9 ° (c=1.061% in DMF)
Purity (HPLC)	97 %
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 μm , 250x4.6 mm, 150 \AA
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	17.817
Sample preparation	2 mg/1 mL 100% Acetonitrile/Water
Injection volume, μl	5

Method /Detection at, nm	Gradient
	40-90% B
	A = 99.9% Water, 0.1% TFA
Boc40 / 210	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min