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Certificate of Analysis

Catalog Number	14254
Product Name	H-Phe(3,4-DiCl)-OMe.HCl
Lot Number	14254-013105-1
Molecular Formula	C ₁₀ H ₁₂ NO ₂ Cl ₃
Molecular Weight	284.6
Appearance	Off-white powder
Melting Point	168-170 °C
Optical Rotation [α] _D ²⁰	+ 14.587 ° (c=1.0 % 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	4.300
Sample preparation	4 mg/2 mL 50% MeOH
Injection volume, μl	5

Method /Detection at, nm

Gradient

10-60% A(2)
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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