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Certificate of Analysis

Catalog Number	14288
Product Name	H-Phe(2-F)-OMe•HCl 2-Fluoro-L-phenylalanine methyl ester hydrochloride
Lot Number	H-o-Fluoro-Phe-OMe•HCl 14288-020205-1
Molecular Formula	C ₁₀ H ₁₂ FNO ₂ •HCl
Molecular Weight	233.7
Melting Point	179–180 °C
Optical Rotation	$\alpha_D^{20} = +7.3^\circ$ (c = 1% H ₂ O)
Purity (HPLC)	99%
Storage	Store at 0-5°
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



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	14.15
Sample preparation	4 mg/2 ml 50% Acetonitrile/Water
Injection volume, μl	5

Method /Detection at, nm

Gradient

Boc0-50 / 210

0-50% 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