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Certificate of Analysis

Catalog Number	04-2682
Product Name	H-DL-Val-OMe-HCl DL-Valine methyl ester hydrochloride
Lot Number	032006-1
Molecular Formula	C ₆ H ₁₃ NO ₂ ·HCl
Molecular Weight	167.6
Melting Point	132 – 135 °C
HPLC purity	98%

HPLC Conditions

Column	Beckman Ultrasphere 5 µm, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	4.67
Sample preparation	2 mg/1 ml 100% Acetonitrile/Water
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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