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Certificate of Analysis

Catalog Number	07289
Product Name	Boc-Phe(3,4-Dimethoxy)-OH Boc-L-3,4-Dimethoxy-D-phenylalanine Boc-3,4-dimethoxy-Phe-OH
Lot Number	07289-052406-1
CAS Registry Number	127095-97-0
Molecular Formula	C ₁₆ H ₂₃ NO ₆
Molecular Weight	325.36
Appearance	Off -white powder
Melting Point	102-104 °C
Optical Rotation	22.23 ° (c=1.00, MeOH)
Purity (HPLC)	99%
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only.

Quality Control Manager

HPLC Conditions

Column	Beckman Ultrasphere 5 µm, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	7.01
Sample preparation	2 mg/ 1 mL 100% Acetonitrile/Water
Injection volume, µl	5
Method /Detection at, nm	Gradient 30-800% 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