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Certificate of Analysis

Catalog Number	03738
Product Name	Fmoc-D-Ser-OH
Lot Number	3738-111303-1
CAS Registry Number	116861-26-8
Molecular Formula	C ₁₈ H ₁₇ NO ₅
Molecular Weight	327.3
Appearance	White powder
Melting Point	97 – 100 °C
Specific Rotation [α] ²⁰ _D	- 14.4 ° (c=1, EtOAc)
Purity (HPLC)	98 %
Storage	Store at -0°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	6.483
Sample preparation	12 mg/1 mL 100% Acetonitrile/Water
Injection volume, μl	5

Method /Detection at, nm

Fmoc40 / 210

Gradient

40-90% B

A = 99.9% Water, 0.1% TFA

B = 95% Acetonitrile, 4.9% Water, 0.1% TFA

30 min, flow rate = 1.0 ml / min