

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	35182
Product	Fmoc-β-cyano-D-alanine

Lot Number	000424-191008-23936 Fmoc- β -cyano-D-Ala-OH
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CAS Number	1820575-73-2
Molecular Formula	C ₁₉ H ₁₆ N ₂ O ₄

Molecular Weight	336.34
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Appearance	White powder
Solubility	Clear solution (0.1 g in 2 mL DMF)
Melting Point	213.3 - 213.9 °C
Water Content (Karl Fisher)	0.17%
Optical Rotation	[α] _D ²⁰ = 40.5 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.31%
¹H NMR	Conforms to structure
Purity by HPLC	99.49%
Storage	Store at 2 - 8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager