

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05724
Product	Fmoc-O-benzyl-L-trans-4-hydroxyproline
Lot Number	000424-220126-21308
	Fmoc-L-Hyp(Bzl)-OH
CAS Number	174800-02-3
Molecular Formula	C ₂₇ H ₂₅ NO ₅
Molecular Weight	443.5

Appearance	Off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	52.8 - 53.2 °C
Water Content (Karl Fisher)	0.41%
Optical Rotation	[α] _D ²⁰ = -31.4 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	99.78%
Storage	Store at 0 - 8 °C
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



Bala Kumar
Quality Control Manager