

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	03742
Product	Fmoc-O-benzylphospho-L-threonine
Lot Number	000424-221221-36205 Fmoc-L-Thr(HPO3Bzl)-OH
CAS Number	175291-56-2
Molecular Formula	C ₂₆ H ₂₆ NO ₈ P
Molecular Weight	511.5

Appearance	White solid
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	151.9 - 154.0 °C
Water Content (Karl Fisher)	0.21%
Optical Rotation	[α] _D ²⁵ = 6.27 ° (C=1 in MeOH)
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detected
Purity by HPLC	99.17%
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