

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	15690
Lot Number	000705-829636
Product	Fmoc-(R)-3-amino-3-(3,5-dimethoxyphenyl) Fmoc-D- β -Phe(3,5-dimethoxy)-OH
CAS Number	511272-41-6
Molecular Formula	C ₂₆ H ₂₅ NO ₆
Molecular Weight	447.49

Appearance	White powder
TLC System	Chloroform/Methanol/Acetic acid (90:8:2) Single spot Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot Visualized with UV/Iodine
Optical Rotation	$[\alpha]_{\text{D}}^{20} = 25.3^{\circ}$ (C=1 in DMF)
¹H NMR	Conforms to structure
Chiral HPLC	> 99% (ee)
LCMS	Conforms to structure
Other Enantiomer	< 1%
Purity by HPLC	99.1%
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