

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	31969
Product	Fmoc-D-β-homoglutamic acid 6-<i>tert</i>-butyl ester
Lot Number	000424-190301-22635 Fmoc-D- β -HomoGlu(OtBu)-OH
CAS Number	1421258-67-4
Molecular Formula	C ₂₅ H ₂₉ NO ₆
Molecular Weight	439.51

Appearance	White solid
Optical Rotation	[α] ²⁰ _D = 11.9 ° (C=1 in CHCl ₃)
Analysis by Mass Spectra	Conforms to standard
Residual Solvents	Not identified
Related Substances	Not identified
¹H NMR	Conforms to structure
Chiral HPLC	99.5% (ee)
L-Enantiomer	≤ 0.5%
Purity by HPLC	98.8% (210 nm) 98.9% (254 nm)
Storage	Store at 0-8 °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



Bala Kumar
Quality Control Manager