

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	29743
Lot Number	000424-140421-21209
Product	Fmoc-D-Homoarg(Et)2-OH hydrochloride salt
CAS Number	2098497-24-4
Molecular Formula	C ₂₆ H ₃₄ N ₄ O ₄ •HCl
Molecular Weight	503.0

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	96.6-102.4 °C
Water Content (Karl Fisher)	1.81%
Optical Rotation	[α] _D ²⁰ = +4.0° (C=1 in DMF)
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.36% (45 °C, 2h)
¹³C NMR	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	95.51%
Storage	Store at ≤ -4 °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