

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 02382
Lot Number 000424-140220-36428
Product ***N*^α-Fmoc-*N*^ω-(4-toluenesulfonyl)-D-arginine**

Fmoc-D-Arg(Tos)-OH

CAS Number 139090-50-9

Molecular Formula C₂₈H₃₀N₄O₆S

Molecular Weight 550.6

Solubility Clear solution (0.3 g in 2 mL DMF)

Melting Point 75.1 °C

Water Content (Karl Fisher) 0.507%

Optical Rotation [α]_D²⁰ = +6.6° (C=2 in DMF)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

¹H NMR Conforms to structure

Purity by HPLC 98.47%

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