

# Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

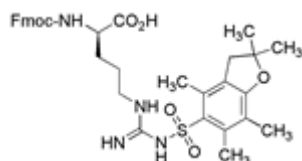
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



## Product Specifications

Catalogue Number	02882
Product	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>ω</sup>-(2,2,4,6,7-pentamethyl)-Fmoc-D-Arg(Pbf)-OH</b>
CAS Number	187618-60-6
Molecular Formula	C <sub>34</sub> H <sub>40</sub> N <sub>4</sub> O <sub>7</sub> S
Molecular Weight	648.77

Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL DMF)
Water Content (Karl Fisher)	≤ 2%
Kaiser Test	≤ 0.05%
Optical Rotation	[α] <sub>D</sub> <sup>25</sup> = 4.5 ± 1.5 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (60 °C, 2h)
<sup>1</sup> H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
L-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

**For Laboratory Use Only**