

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

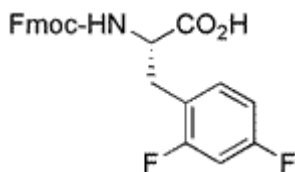
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	33591
Product	Fmoc-2,4-difluoro-L-phenylalanine Fmoc-L-Phe(2,4-DiF)-OH Fmoc-(S)-2-amino-3-(2,4-difluorophenyl)propionic acid
CAS Number	1032337-49-7
Molecular Formula	C ₂₄ H ₁₉ F ₂ NO ₄
Molecular Weight	423.41

Synonym 3	Fmoc-Phe(2,4-DiF)-OH
Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	153 - 155 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] ²⁰ _D = -43 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 97.5%
Storage	Store at 2 - 8 °C

For Laboratory Use Only