

Chem-Impex International, Inc.

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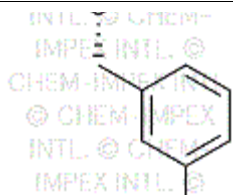
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	07430
Product	3-Methyl-L-phenylalanine L-Phe(3-Me)-OH <i>m</i> -Methyl-L-phenylalanine
CAS Number	114926-37-3
Molecular Formula	C ₁₀ H ₁₃ NO ₂
Molecular Weight	179.23

Appearance	White to beige powder
Solubility	Clear solution (0.1 g in 2 mL NaOH)
Melting Point	192 - 199 °C
Water Content (Karl Fisher)	≤ 1%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (70 °, 2 h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 98% (ee)
D-Enantiomer	≤ 2%
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only