

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

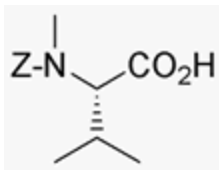
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02680
Product	Z-N-methyl-L-valine
	Z-N-Me-L-Val-OH
CAS Number	42417-65-2
Molecular Formula	C ₁₄ H ₁₉ NO ₄
Molecular Weight	265.3

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	66-71 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -95 ± 3° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (30 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only