

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

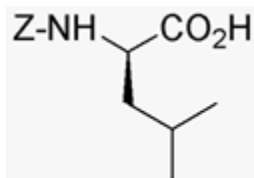
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02195
Product	Z-D-leucine (oil)
	Z-D-Leu-OH (oil)
	(R)-Z-2-amino-4-methylpentanoic acid
CAS Number	28862-79-5
Molecular Formula	C ₁₄ H ₁₉ NO ₄
Molecular Weight	265.3
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Appearance	Viscous oil
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] ²⁰ _D = 18 ± 2 ° (C=2 in MeOH)
Free Amino Acids	≤ 0.2%
Other Amino Acids	≤ 0.1%
Ash	≤ 0.1%
Chiral HPLC	≥ 99% (ee)
L-Enantiomer	≤ 1%
Purity by HPLC	≥ 98%
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C
Additional Information	Loss of weight : ≤ 1%

For Laboratory Use Only