

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 06442

Product ***N*^α-**Z-D-ornithine****

Z-D-Orn-OH

CAS Number 112229-51-3

Molecular Formula C₁₃H₁₈N₂O₄

Molecular Weight 266.3

Appearance White to off-white crystalline powder

TLC System Chloroform/Methanol/Acetic acid/Water (60:45:14:6)
Ethylacetate/Pyridine/Acetic acid/Water (60:60:12:36)
Plate: Silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, Chlorine-Tolidine

Optical Rotation [α]_D²⁰ = +13 ± 2.5° (C=1 in 0.5M HCl)

Assay by titration ≥ 99%

Purity by TLC ≥ 99%

Storage Store at 0-8 °C

For Laboratory Use Only