

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 06601

Product **Z-Val-Trp-OH**

CAS Number 18904-53-5

Molecular Formula C₂₄H₂₇N₃O₅

Molecular Weight 437.5

Appearance White powder

Appearance of Solution Clear, colorless solution (50 mg/ml in MeOH)

Melting Point 196-200 °C

Elemental Analysis (Theory) C=65.89%; H=6.22%; N=9.60%

TLC System Benzene/dioxane/acetic acid: 95/25/4
Chloroform/ethylacetate/acetic acid: 50/50/2
Chloroform/methanol/acetic acid: 85/10/5
Plate: Silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine, ehrlich

Optical Rotation [α]_D²⁴ = - 6 ± 1 °(C=1 in MeOH)

Purity by TLC ≥ 99%

Storage Store at 0-8°C

For Laboratory Use Only