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Product Specifications

Catalogue Number 02155

Product **Z-Glu-Phe-OH**

Z-L-glutamyl-L-phenylalanine

CAS Number 987-84-8

Molecular Formula C₂₂H₂₄N₂O₇

Molecular Weight 428.44

Appearance White powder

Solubility Clear colorless solution (25 mg/mL in Methanol)

Melting Point 165-169 °C

TLC System Chloroform/Methanol/Acetic acid (85:10:5)
Chloroform/Methanol/Acetic acid 32% (12:4:1)
Ethyl acetate/Pyridine/Acetic acid/Water (60:10:3:4)
Plate: Silica gel 60 F₂₅₄
Detected by: UV/Chlorine-tolidine

Optical Rotation [α]_D²⁰ = -9 ± 1° (C=1 in AcOH)

Purity by TLC ≥ 99%

Storage Store at 0-8 °C

For Laboratory Use Only