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Product Specifications

Catalogue Number 11704
Product **L-Tyrosine Ethyl ester**

L-Tyr-OEt (free base)

CAS Number 949-67-7
Molecular Formula C₁₁H₁₅NO₃

Molecular Weight 209.25

Appearance Off-white or white powder

Appearance of Solution Clear, colorless solution (50 mg/mL in Methanol)

Melting Point 102 - 106 °C

Elemental Analysis (Theory) C = 63.1 ± 0.5%; H = 7.2 ± 0.5%; N = 6.7 ± 0.5%

TLC System Ethylacetate/Pyridine/Acetic Acid/water (60:20:6:11)
Chloroform/Methanol/Acetic acid (77.5:15:7.5)
Chloroform/Methanol/Toluene/Water (8:8:8:1)
plate : silicagel 60 F₂₅₄
detected by : UV, ninhydrin, chlorine-tolidine

Optical Rotation [α]_D²⁴ = 18 ± 2 ° (C=1 in EtOH)

Assay by titration ≥ 99% (HClO₄)

Purity by TLC ≥ 99%

Storage Store at 0 - 8 °C

For Laboratory Use Only