

Analytical Data

Code: 2112

Compound: Leu-OBzl·Tos

(M. W. 221.30 · 172.20) $C_{13}H_{19}NO_2 \cdot TosOH$

Melting Point : 159 ~ 160 °C

Specific Optical Rotation

$[\alpha]_D^{20} +4.9^\circ$ (c 2, DMF)

Thin Layer Chromatography : Main spot (>99.5 %) with a trace spot

Layer : Silica Gel 60 (Merck)

Application : 200 μ g

Solvent System : n-BuOH:AcOH:H₂O=4:1:1
CHCl₃:MeOH:AcOH=85:15:5

Detection : ninhydrin reagent

Paper Electrophoresis : Main spot (>99.5 %) with a trace spot

Application : 200 μ g

Conditions : pH 4.8 (0.2M-pyridine-AcOH), 40min., 43V/cm

Detection : ninhydrin reagent
