

Analytical Data

Code: 2046

Compound: Glu(OBzl)-OBzl·Tos

(M. W. 327.37·172.20) $C_{19}H_{21}NO_4 \cdot TosOH$

Melting Point : 143 ~ 145 °C

Specific Optical Rotation

$[\alpha]_D^{24} +8.1^\circ$ (c 2.0, MeOH)

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:H₂O=10:10:1:10 (lower phase)

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), 25min., 43V/cm

Detection : ninhydrin reagent
