



1 Corticosterone

Conditions of Primary separation and Focusing

Precolumn	CAPCELL PAK MF Cartridge (Ph-1) : 4.0 mm i.d.×10 mm
Intermediate column	CAPCELL PAK C ₁₈ UG120 S5 : 2.0 mm i.d.×35 mm
Mobile phase	100mmol/L Phosphate buffer (pH6.8) / CH ₃ CN = 98 / 2
Flow rate	[valve position A] 500 μ L/min [valve position B] 250 μ L/min
Temperature	40 °C
Detect	UV
Inj. vol.	100 μ L

Conditions of Final separation

Analytical column	CAPCELL PAK C ₁₈ UG120 S5 : 1.5 mm i.d.×250 mm
Mobile phase	100mmol/L Phosphate buffer (pH6.8) / CH ₃ CN = 70 / 30
Flow rate	100 μ L/min
Temperature	40 °C
Detect	UV 254 nm

