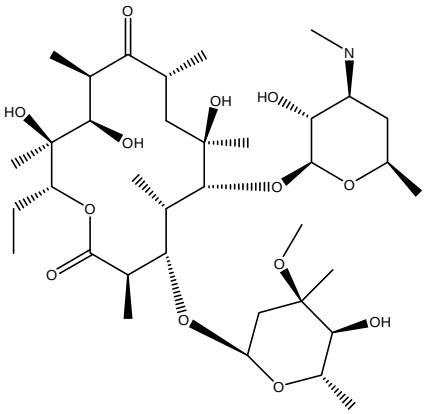
エリスロマイシン　Erythromycin

1. エリスロマイシン (4000 ppm)
   Erythromycin (M.W. 733.9)



【HPLC Conditions】

Column	:	CAPCELL PAK C_8 DD S5 ; 4.6 mm i.d. x 150 mm
Mobile phase	:	A) 1 mol/L Phosphate buffer (KH_2PO_4 : K_2HPO_4 = 1 : 1 in molar ratio) / H_2O / CH_3CN = 12.5 / 687.5 / 150 B) 1 mol/L Phosphate buffer (KH_2PO_4 : K_2HPO_4 = 1 : 1 in molar ratio) / H_2O / CH_3CN = 12.5 / 237.5 / 600 B 20% (0.0 min) -> 80% (30.0 min) -> 20% (31.0 min) -> 20% (41.0 min) Gradient
Flow rate	:	1 mL/min
Temperature	:	50 ˚C
Detection	:	UV 210 nm
Inj. vol.	:	5 μL
Sample dissolved in	:	Erythromycin (4.0 mg) was dissolved in methanol (250 μL), and then, mobile phase A (750 μL) was added to the solution. ※ 1 μg/mL = 1 ppm