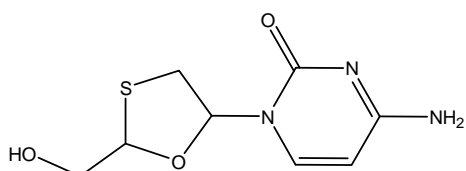


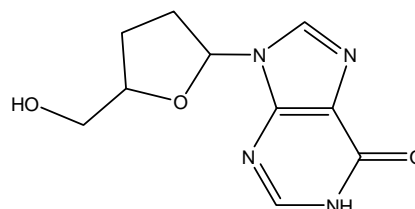
抗ウイルス薬

Antiviral drugs

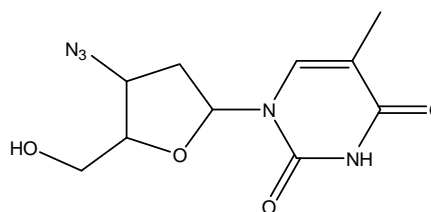
HIV 感染症の治療薬であるラミブジン、ジダノシン及びジドブジンを、CAPCELL PAK ADME S5 (2.1 mm i.d. x 150 mm) により分析した例を示します。



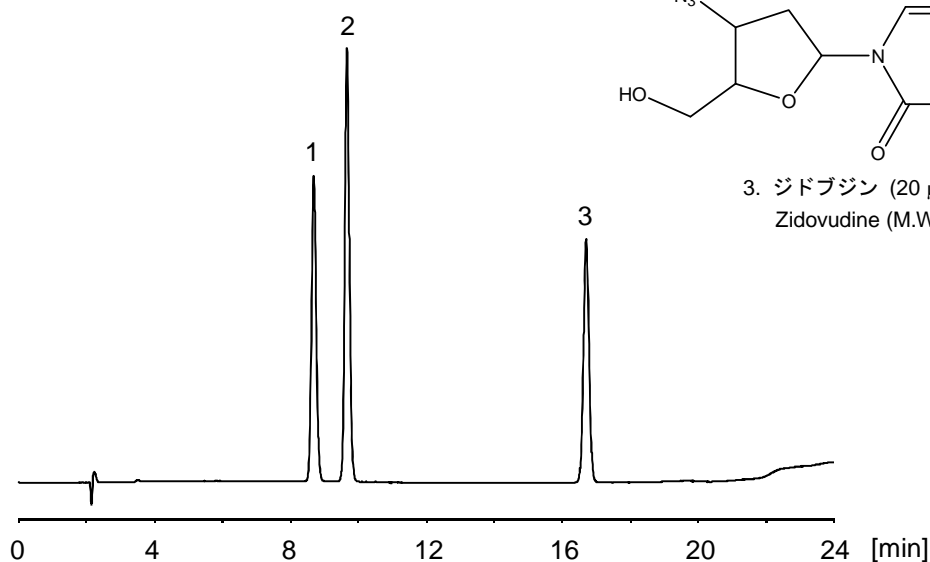
1. ラミブジン (20 µg/mL)
Lamivudine (M.W. 229.3)



2. ジダノシン (20 µg/mL)
Didanosine (M.W. 236.2)



3. ジドブジン (20 µg/mL)
Zidovudine (M.W. 267.2)



【HPLC Conditions】

Column	: CAPCELL PAK ADME S5 ; 2.1 mm i.d. x 150 mm
Mobile phase	: A) 10 mmol/L HCOONH ₄ , B) CH ₃ OH B 10 % (0 min) -> 45 % (20 min) -> 10 % (20.1 min) Gradient
Flow rate	: 200 µL/min
Temperature	: 40 °C
Detection	: PDA 254 nm
Inj. vol.	: 1 µL
Sample dissolved in	: Lamivudine was dissolved in CH ₃ OH at 1 mg/mL. Didanosine and Zidovudine were dissolved in H ₂ O at 1 mg/mL, and then 20 µL of all the solution were added together, and diluted to 1mL with H ₂ O.