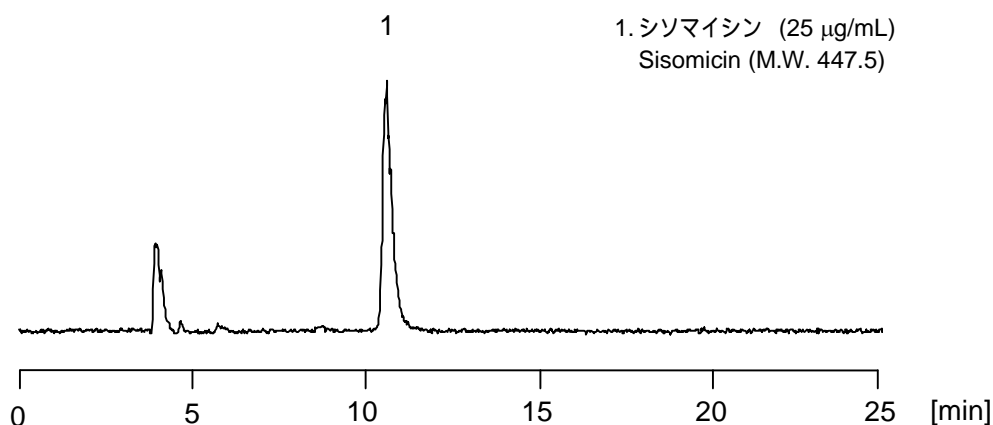
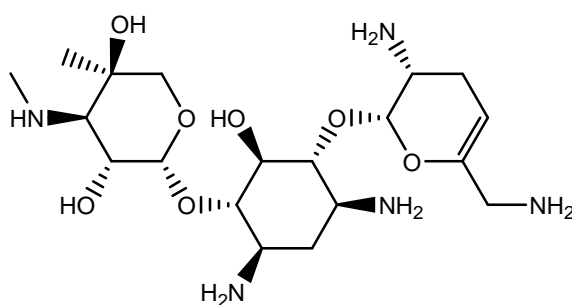


シソマイシン

Sisomicin

アミノグルコシド系の抗生物質，シソマイシンは高感度な光学的検出が困難なためNQADによる検出が有効な手段です。

Sisomicin, one of the aminoglycoside antibiotics, does not possess an optically detectable moiety except for one double bond. Nano Quantity Analyte Detector (NQAD) is a convenient tool for such analytes.



【HPLC Conditions】

Column	: CAPCELL PAK C ₁₈ ACR S3 ; 2.0 mm i.d. x 250 mm
Mobile phase	: 200 mmol/L TFA / CH ₃ OH = 94 / 6
Flow rate	: 120 $\mu\text{L/min}$
Temperature	: 40
Detection	: NQAD (Evaporation 35 °C, Nebulization 30 °C, Filter 2.5 sec)
Inj. vol.	: 20 μL
Sample dissolved in	: Mobile phase

1 $\mu\text{g/mL}$ = 1 ppm