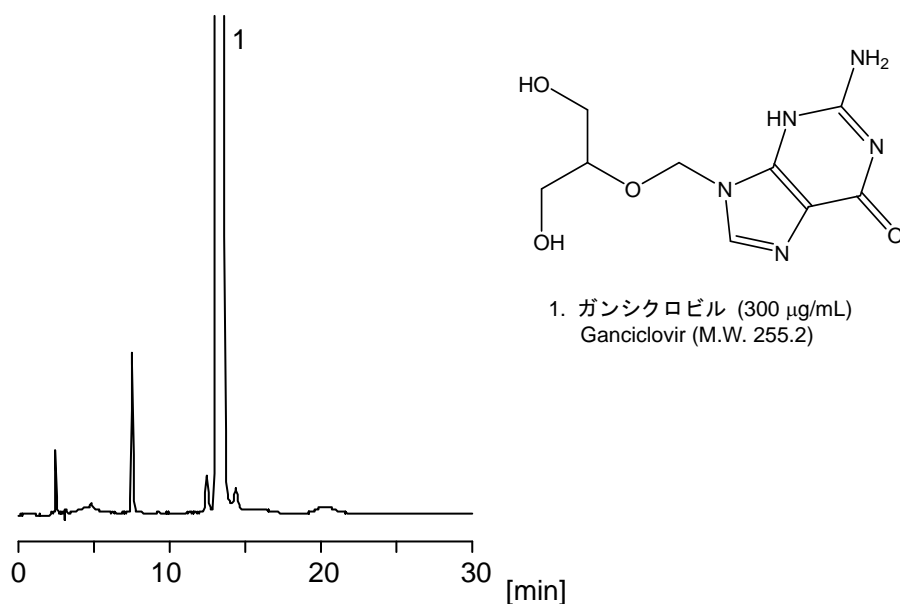


ガンシクロビル

Ganciclovir

ガンシクロビルは感染症の治療薬として用いられます。中国薬典を参考にしたガンシクロビルの分析例を示します。カラムはCAPCELL PAK C₁₈ MGII S5 (4.6 mm i.d. x 250 mm) を用いました。本例では共存物質を確認するために試料濃度は高く設定されています。

Ganciclovir is used for treating virus infection. The following results were obtained with reference to the method described in the Chinese Pharmacopoeia, using CAPCELL PAK C₁₈ MGII S5 (4.6 mm i.d. x 250 mm). A relatively large amount of the compound was introduced to observe impurities.



【HPLC Conditions】

Column : CAPCELL PAK C₁₈ MGII S5 ; 4.6 mm i.d. x 250 mm
Mobile phase : H₂O / CH₃OH = 98 / 2
Flow rate : 1 mL/min
Temperature : 35 °C
Detection : UV 252 nm
Inj. vol : 20 µL
Sample dissolved in : 15 mg of the standard sample was dissolved in 1mL of 100 mmol/L NaOH. The solution was diluted to 50 mL with the mobile phase.
※ 1 µg/mL = 1 ppm