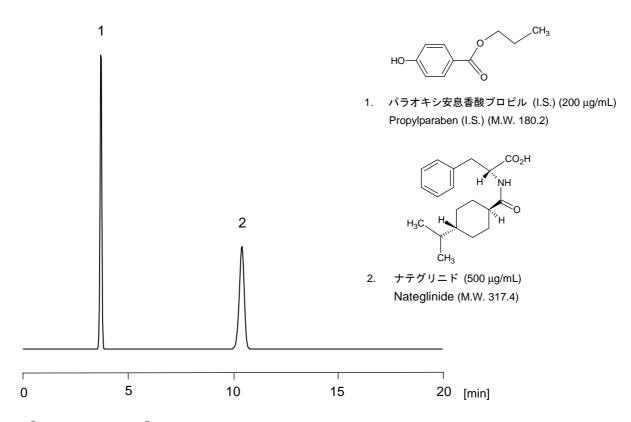
ナテグリニド Nateglinide

ナテグリニドは、経口糖尿病薬として知られています。日本薬局方第十六改正に記載されている定量法に従い、CAPCELL PAK C_{18} MGII S5(4.6 mm i.d. x 150 mm)を用い測定しました。

Nateglinide, an oral antidiabetic drug, and its internal standard compound were separated with CAPCELL PAK C_{18} MGII S5 (4.6 mm i.d. x 150 mm), according to the determination method described in the Japanese Pharmacopoeia, 16^{th} Edition.



[HPLC Conditions]

Column : CAPCELL PAK C_{18} MGII S5 ; 4.6 mm i.d. x 150 mm Mobile phase : 50 mmol/L NaH_2PO_4 (pH 2.5, H_3PO_4) / $CH_3CN = 55 / 45$

Flow rate : 1.5 mL/min Temperature : 40 $^{\circ}$ C Detection : UV 210 nm Inj. vol. : 10 μ L

Sample dissolved in : 2 mL of the standard solution (2.5 mg/mL in CH₃CN) and 1 mL

the internal standard solution (2 mg/mL in the mobile phase) were mixed together. The mixture was diluted to 10 mL with the mobile

phase.

 $X1 \mu g/mL = 1 ppm$