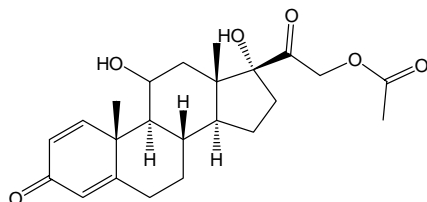
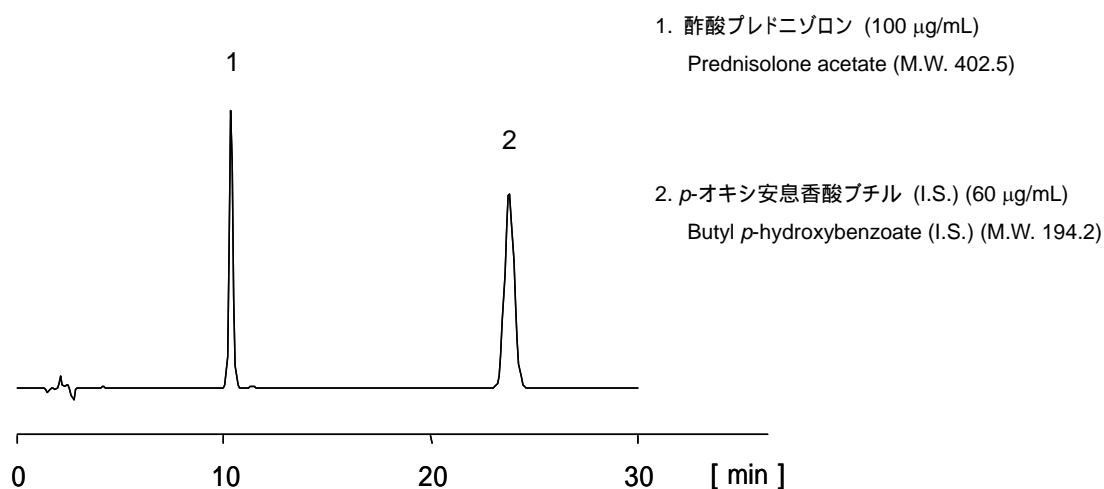


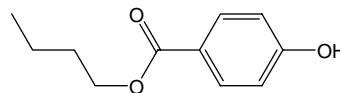
## 酢酸プレドニゾン Prednisolone acetate

日本薬局方におけるカラム選定条件は、「酢酸プレドニゾン，内標準物質の順に溶出し，その分離度が10以上あるものを用いる」と定められています。CAPCELL PAK C<sub>18</sub> MGIIでは分離度21.1と良好な分離が得られました。

The Japanese Pharmacopoeia requires a column for prednisolone acetate to elute compounds in the order of prednisolone and its internal standard, with a resolution value of 10 or greater between the two compounds. CAPCELL PAK C<sub>18</sub> MGII showed a resolution of 21.1.



1. Prednisolone acetate



2. Butyl *p*-hydroxybenzoate

### [HPLC Conditions]

Column	: CAPCELL PAK C <sub>18</sub> MGII S5 ; 4.6 mm i.d. x 150 mm
Mobile phase	: H <sub>2</sub> O / CH <sub>3</sub> CN = 60 / 40
Flow rate	: 0.7 mL/min
Temperature	: 25 °C
Detection	: UV 254 nm
Inj. vol.	: 10 µL
Sample dissolved in	: CH <sub>3</sub> OH

1 µg/mL = 1 ppm