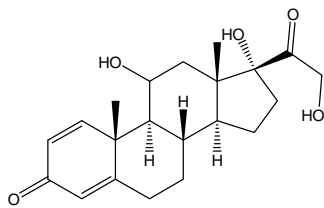


プレドニゾン

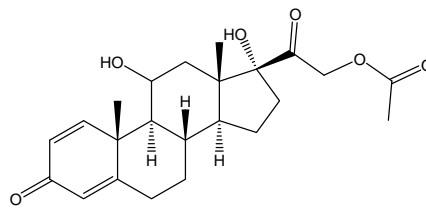
Prednisolone

2 種のステロイド系抗炎症薬、プレドニゾン、酢酸プレドニゾンは、CAPCELL CORE C₁₈ S2.7 (2.1 mm i.d. x 50 mm) を用いたグラジエント条件により、良好に分離されました。

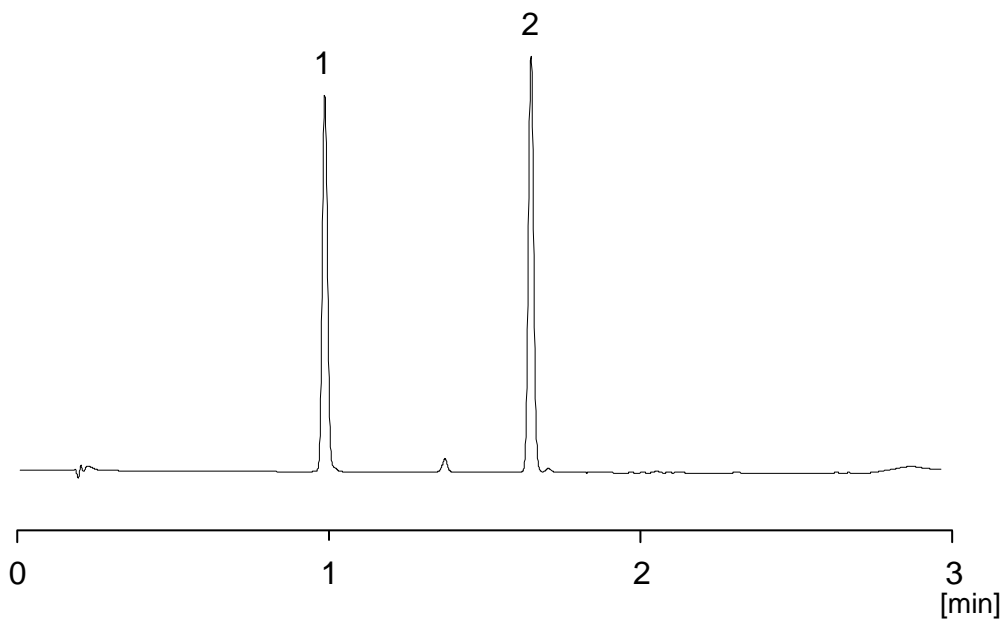
Two steroidal anti-inflammatory drugs, prednisolone and prednisolone acetate, were efficiently separated with CAPCELL CORE C₁₈ S2.7 (2.1 mm i.d. x 50 mm) under a gradient elution.



1. プレドニゾン (50 µg/mL)
Prednisolone (M.W. 360.5)



2. 酢酸プレドニゾン (50 µg/mL)
Prednisolone acetate (M.W. 402.5)



【HPLC Conditions】

Column : CAPCELL CORE C₁₈ S2.7 ; 2.1 mm i.d. x 50 mm
Mobile phase : A) H₂O B) CH₃CN
B 20 %(0 min) → 50 %(2.5 min) → 20 %(2.6 min) Gradient
Flow rate : 600 µL/min
Temperature : 40 °C
Detection : UV 240 nm
Inj. vol. : 3 µL
Sample dissolved in : Each compound was separately dissolved at 1 mg/mL in acetonitrile and diluted to 50 µg/mL with water.
※ 1 µg/mL = 1 ppm