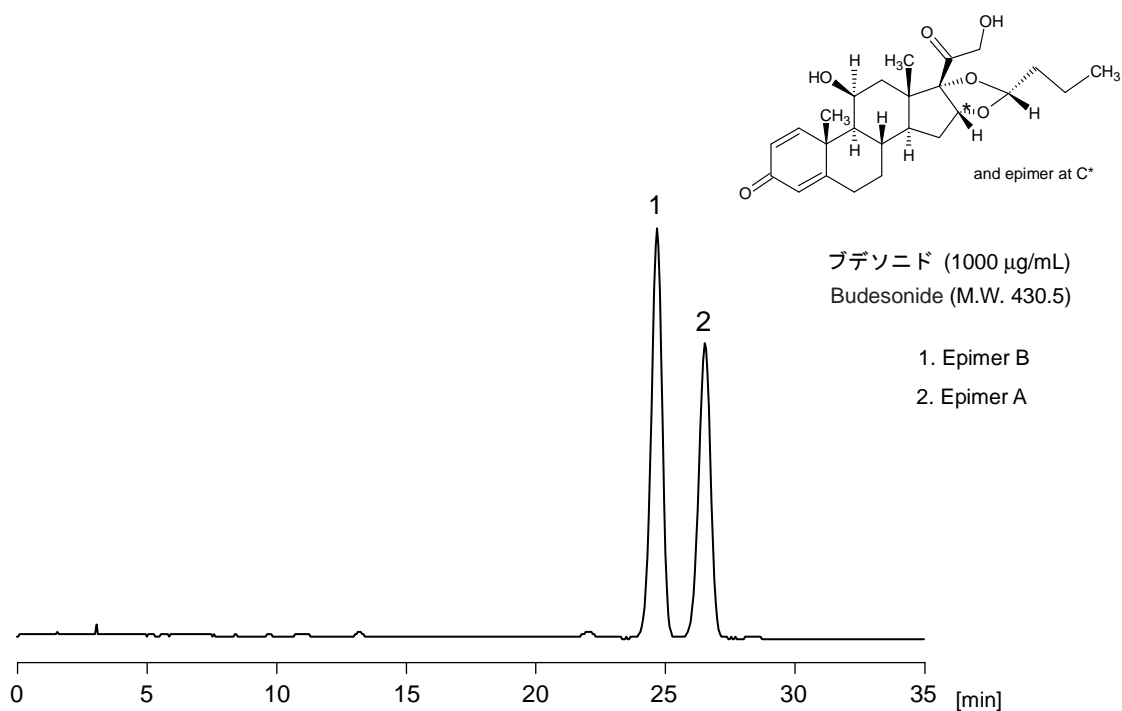


## ブデソニド

## Budesonide

ブデソニドは副腎皮質ホルモン的一种で、気管支喘息の治療に用いられる化合物です。CAPCELL PAK C<sub>18</sub> MGIII S3 (4.6 mm i.d. x 150 mm) を用い、EP に準拠しイソクラテック条件で分析した例を示します。

Budesonide is one of the adrenocortical hormones, and is used to treat bronchial asthma. According to European Pharmacopoeia, an isocratic elution was performed with CAPCELL PAK C<sub>18</sub> MGIII S3 (4.6 mm i.d. x 150 mm).



### 【HPLC Conditions】

Column : CAPCELL PAK C<sub>18</sub> MGIII S3 ; 4.6 mm i.d. x 150 mm  
Mobile phase : H<sub>2</sub>O (adjusted at pH 3.2 with phosphoric acid) / CH<sub>3</sub>CN / Ethanol  
= 68 / 32 / 2  
Flow rate : 1.0 mL/min  
Temperature : 50 °C  
Detection : UV 240 nm  
Inj. vol. : 2 µL  
Sample dissolved in : H<sub>2</sub>O (adjusted at pH 3.2 with phosphoric acid) / CH<sub>3</sub>CN = 3 / 7  
(1000 µg/mL as budesonide)