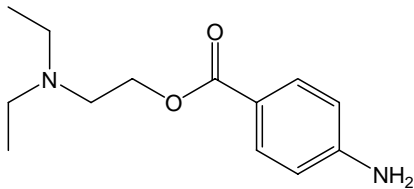
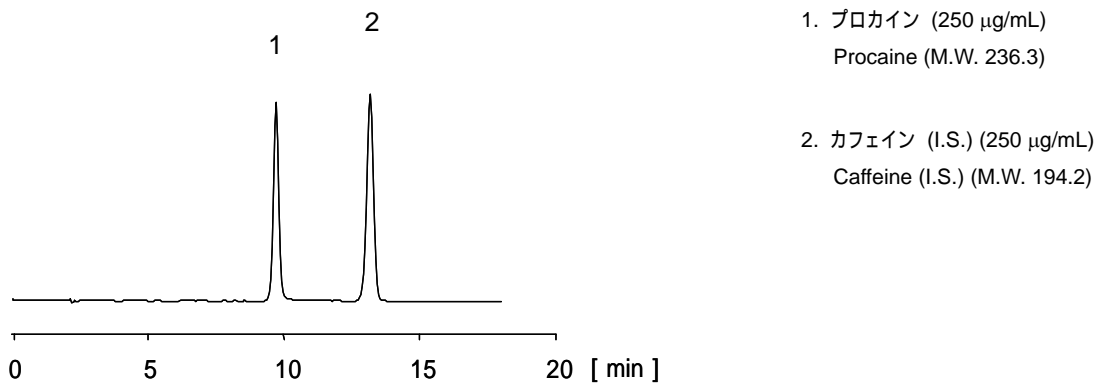


プロカイン

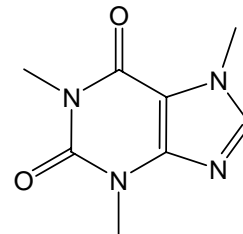
Procaine

日本薬局方におけるカラム選定条件は、「プロカイン，内標準物質の順に溶出し，その分離度が8以上あるものを用いる」と定められています．CAPCELL PAK C₁₈ MGII では，分離度が8.7でした．

The Japanese Pharmacopoeia requires a column for procaine to elute compounds in the order of procaine and its internal standard, with a resolution value of 8 or greater between the two compounds. CAPCELL PAK C₁₈ MGII showed a resolution of 8.7.



1. Procaine



2. Caffeine

[HPLC Conditions]

Column	: CAPCELL PAK C ₁₈ MGII S5 ; 4.6 mm i.d. x 150 mm
Mobile phase	: {0.1w/v% Sodium 1-pentanesulfonate, 50 mmol/L KH ₂ PO ₄ (pH 3.0, H ₃ PO ₄)} / CH ₃ OH = 80 / 20
Flow rate	: 0.7 mL/min
Temperature	: 40 °C
Detection	: UV 254 nm
Inj. vol.	: 5µL
Sample dissolved in	: Mobile phase (250 µg/mL as procaine hydrochloride) 1 µg/mL = 1 ppm