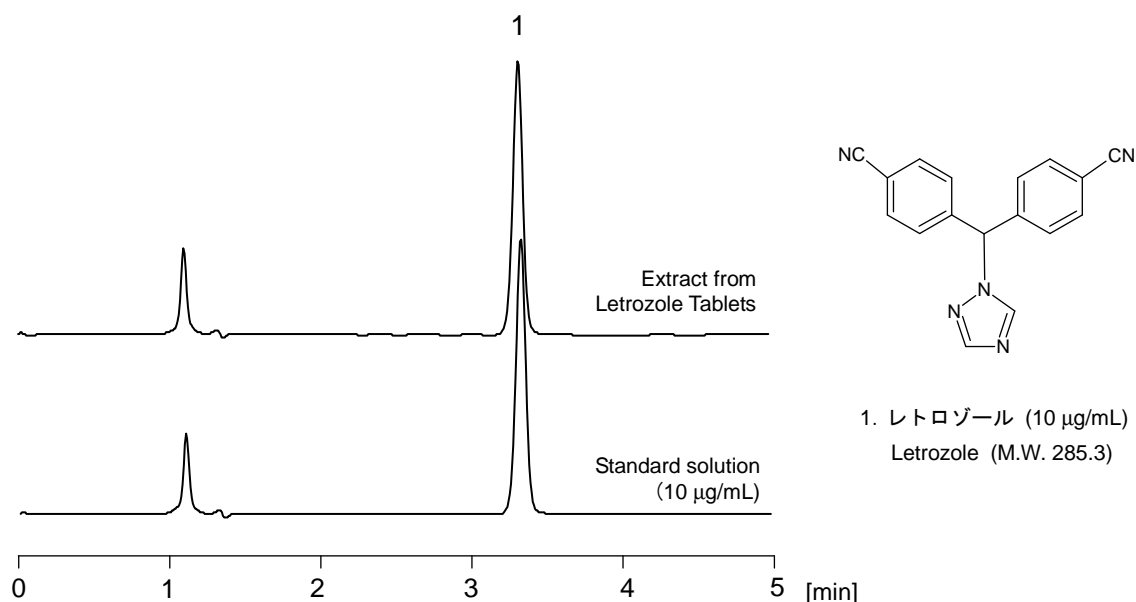


レトロゾール錠

Letrozole Tablets

レトロゾール錠 (Letrozole Tablets) は、閉経後の乳がん治療薬として使われています。USP 及び EP に準拠したレトロゾール錠の試験を 150 mm のカラムを用いて実施しました。レトロゾール錠 (フェマーラ、ノバルティスファーマ社) を用い、30%アセトニトリルによる抽出液と標準液 (10 µg/mL) の分析例を示します。

Letrozole tablets are used to treat post-menopausal breast cancer. According to USP and EP, letrozole in the tablets (Femara, Novartis Oncology) was analyzed by using a 150-mm column. Results obtained from the 30% acetonitrile extract and a standard solution (10µg/mL) are shown below.



【HPLC Conditions】

| | |
|---------------------|--|
| Column | : CAPCELL PAK C ₁₈ MGII S5 ; 4.6 mm i.d. x 150 mm |
| Mobile phase | : H ₂ O / CH ₃ CN = 13 / 12 |
| Flow rate | : 1.0 mL/min |
| Temperature | : 40 °C |
| Detection | : UV 230 nm |
| Inj. vol. | : 5 µL |
| Sample dissolved in | : 30% Acetonitrile |

(Extraction from the tablets was performed according to USP.
The extract was diluted with 30% acetonitrile so that the final concentration is supposed to be 10 µg /mL.)