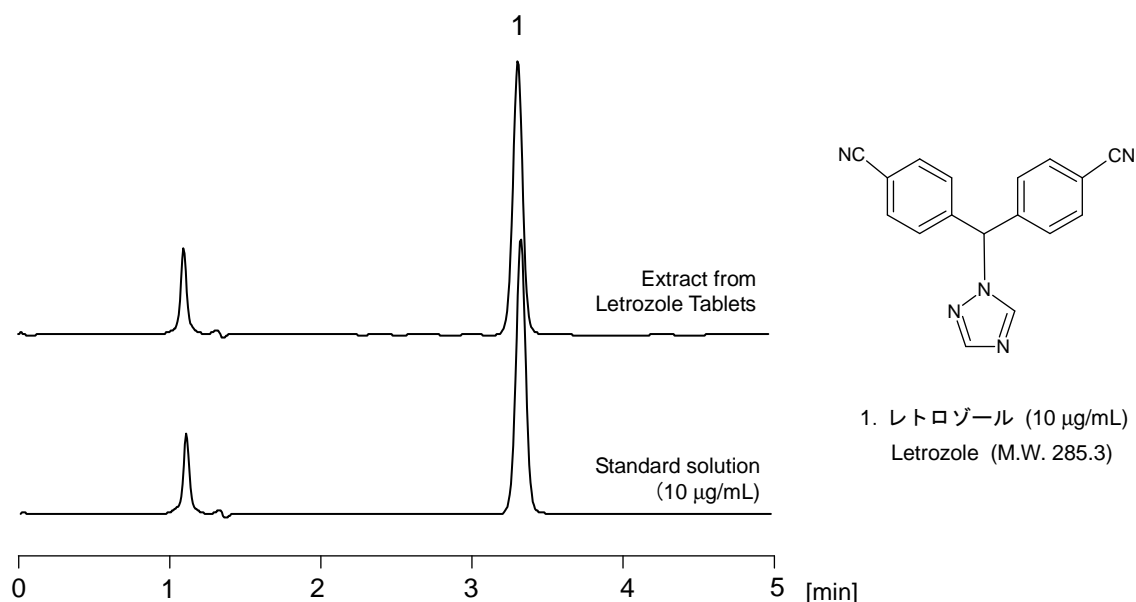


レトロゾール錠

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 (10 µg/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.)