

## Application Note

# Ketoconazole

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Waters Corporation

This is an Application Brief and does not contain a detailed Experimental section.

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## Abstract

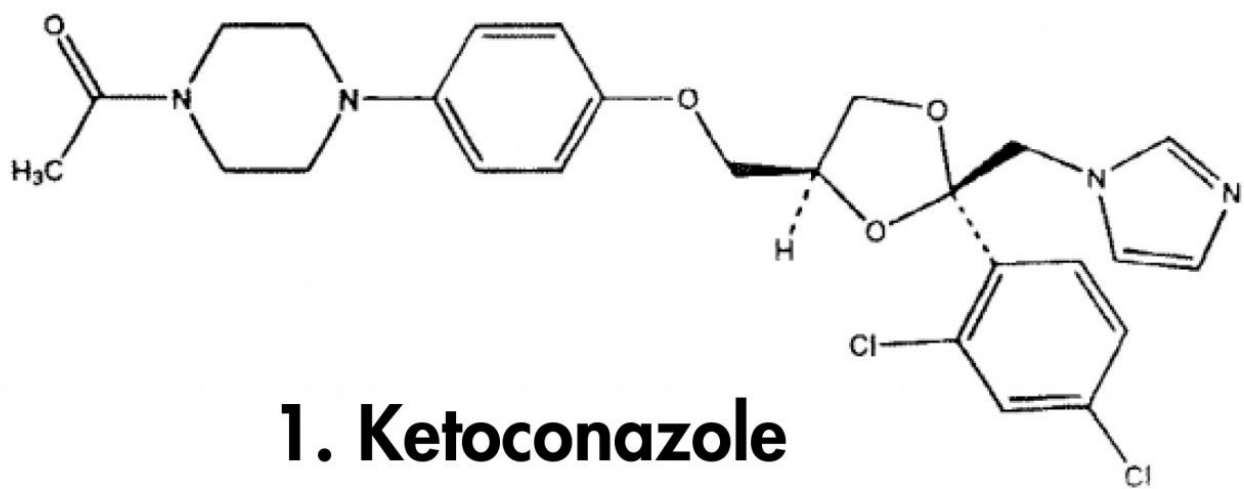
This application brief demonstrates the analysis of Ketoconazole using Symmetry Columns.

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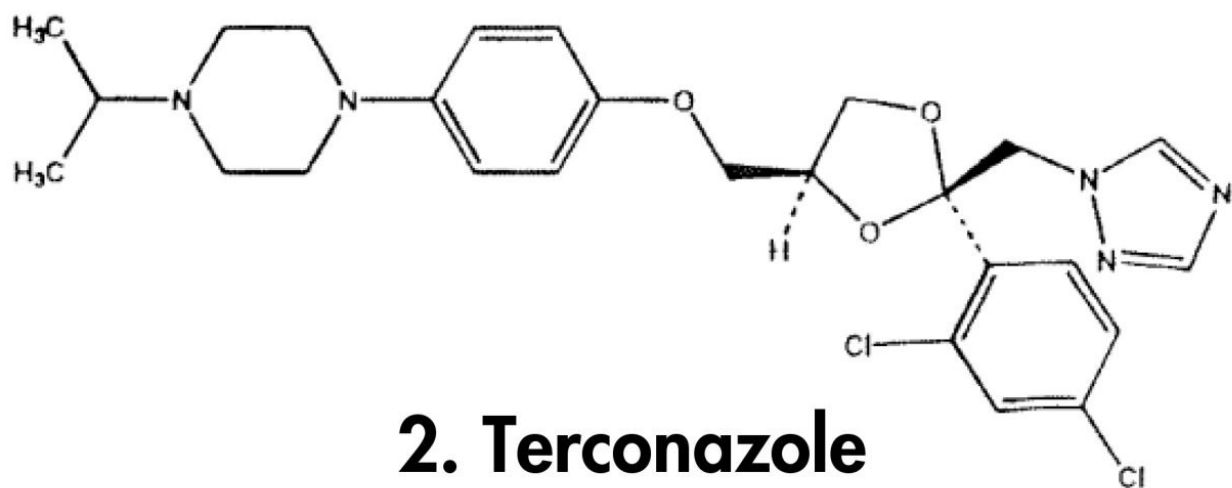
## Introduction

The compounds analyzed in this study are:

1. Ketoconazole
2. Terconazole



## 1. Ketoconazole



## 2. Terconazole

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Experimental

## HPLC Method

Column:	Symmetry Shield RP <sub>18</sub> , 4.6 x 250 mm, 5 µm
Part number:	186000112
Mobile phase:	70% diisopropylamine solution/30% ammonium acetate solution  Diisopropylamine solution: 2 mL diisopropylamine in 1 L methanol  Ammonium acetate solution: 1 g in 200 mL of water
Flow rate:	1.5 mL/min
Injection volume:	20 µL
Detection:	UV @ 225 nm

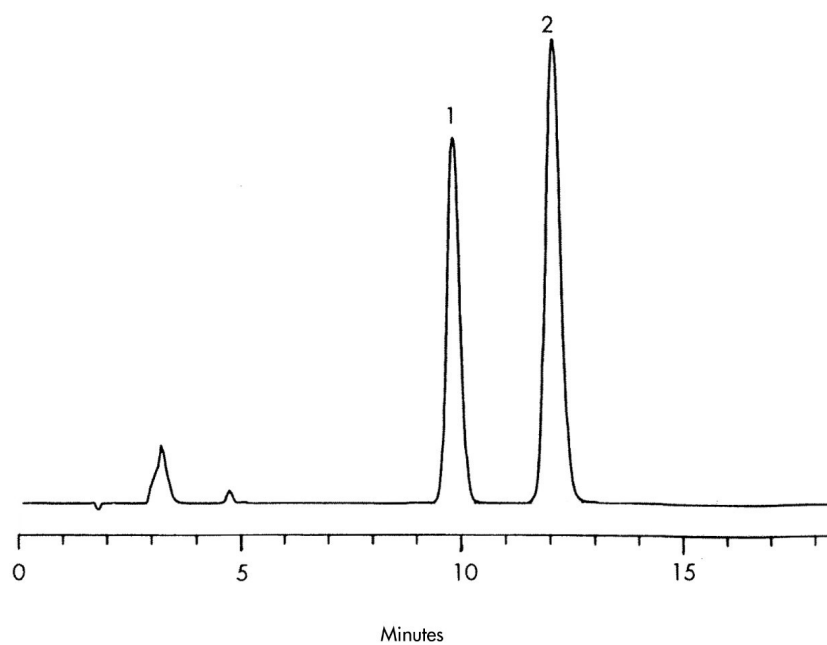
## USP Tailing Factors

1. 1.03

2. 1.06

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## Results and Discussion



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## Featured Products

WA31763.94, June 2003

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