

Ketoconazole

Waters Corporation

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

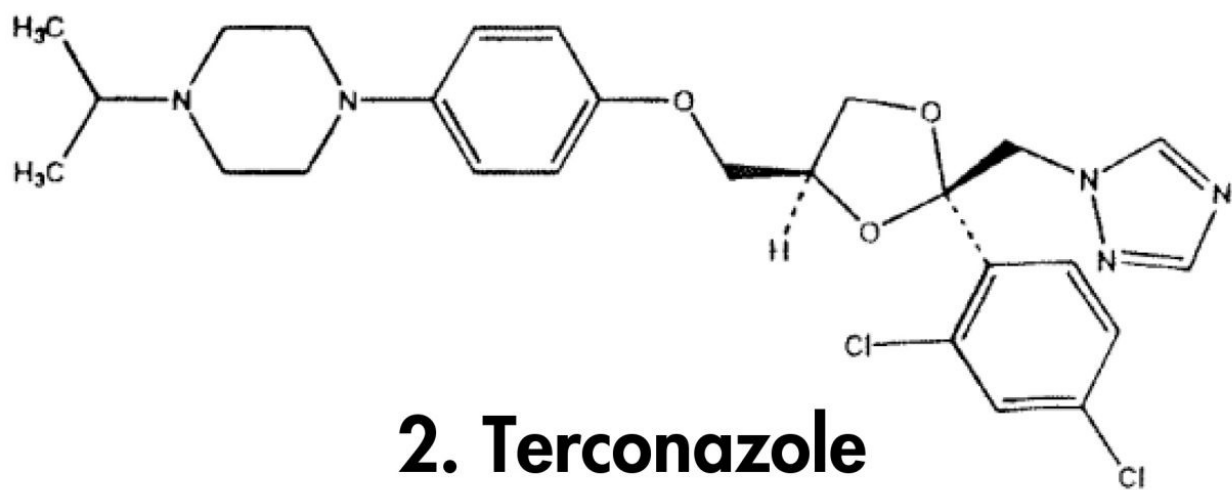
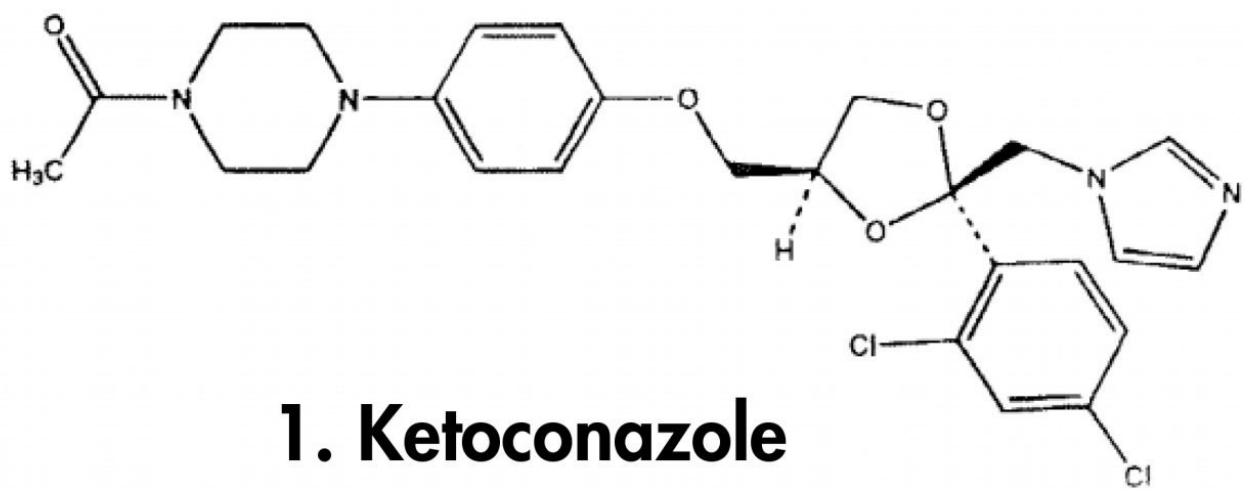
Abstract

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

Introduction

The compounds analyzed in this study are:

1. Ketoconazole
2. Terconazole



Experimental

HPLC Method

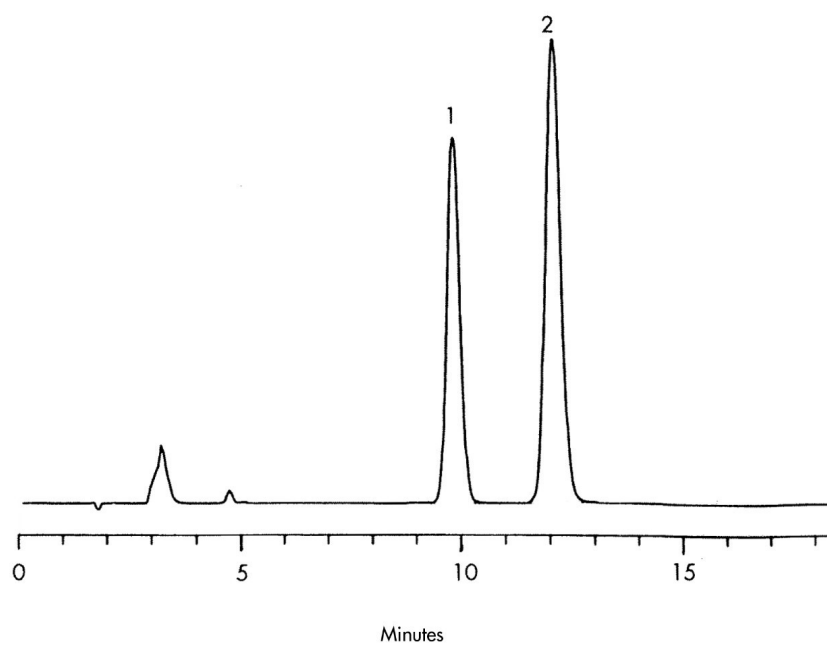
Column:	Symmetry Shield RP ₁₈ , 4.6 x 250 mm, 5 µm
Part number:	186000112
Mobile phase:	70% diisopropylamine solution/30% ammonium acetate solution Diisopropylamine solution: 2 mL diisopropylamine in 1 L methanol Ammonium acetate solution: 1 g in 200 mL of water
Flow rate:	1.5 mL/min
Injection volume: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

USP Tailing Factors

1. 1.03

2. 1.06

Results and Discussion



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