

Terfenadine and Related Compound

Waters Corporation



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

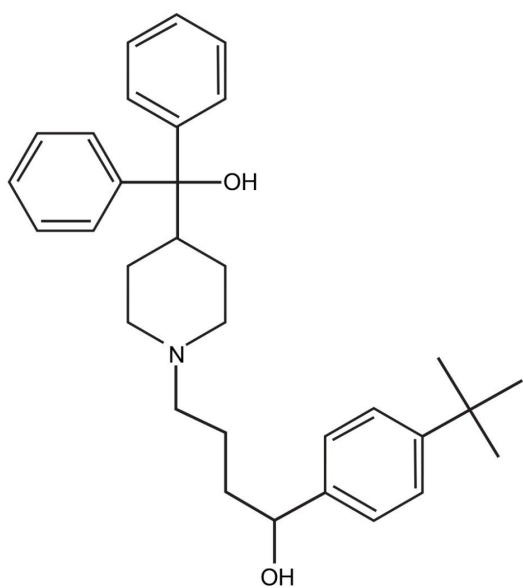
Abstract

This application brief highlights the analysis of Terfenadine and related compounds using Symmetry C₈ Columns.

Introduction

The compounds analyzed in this study are:

1. Terfenadine
2. Terfenadine Related Compound ARS



1. Terfenadine

Experimental

HPLC Method

Column:	Symmetry C ₈ , 4.6 x 250 mm, 5 μm
Part number:	WAT054270
Mobile phase:	100 mM triethylammonium phosphate, pH 7.0/methanol 20:80

Flow rate: 1.0 mL/min

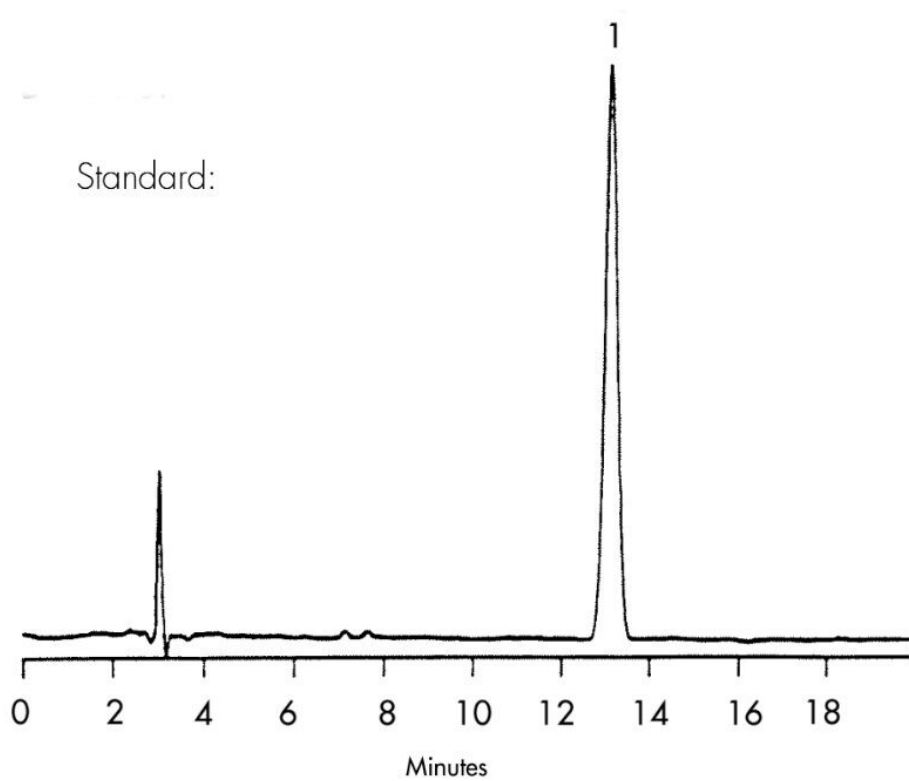
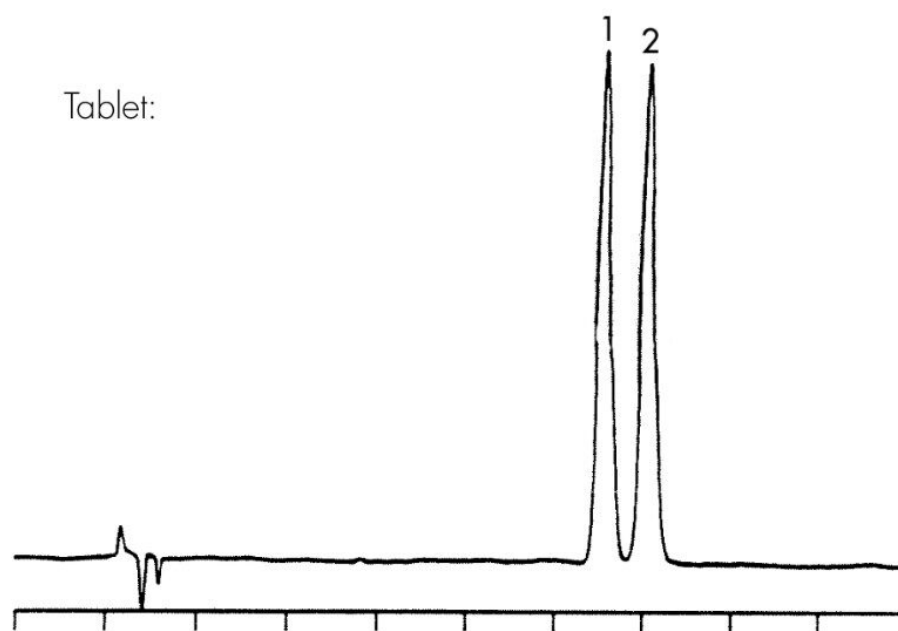
Injection volume: A. 15 μ L of mixture with 0.6 mg/mL terfenadine and 0.15 mg/mL of terfenadine related compound ARS
B. 15 μ L of 8mg/mL crushed tablet (equivalent to 0.6mg/mL terfenadine)

Detection: UV @ 235 nm

USP Tailing Factor

1. 1.0

Results and Discussion



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