

アプリケーションノート

Diltiazem HCL

Waters Corporation

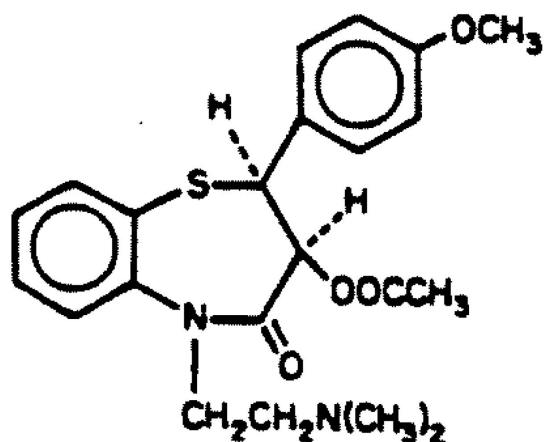
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates the analysis of diltiazem HCL using Symmetry Columns.

Introduction

The compound analyzed in this study is diltiazem HCL.



1. Dilithiazem HCL

Experimental

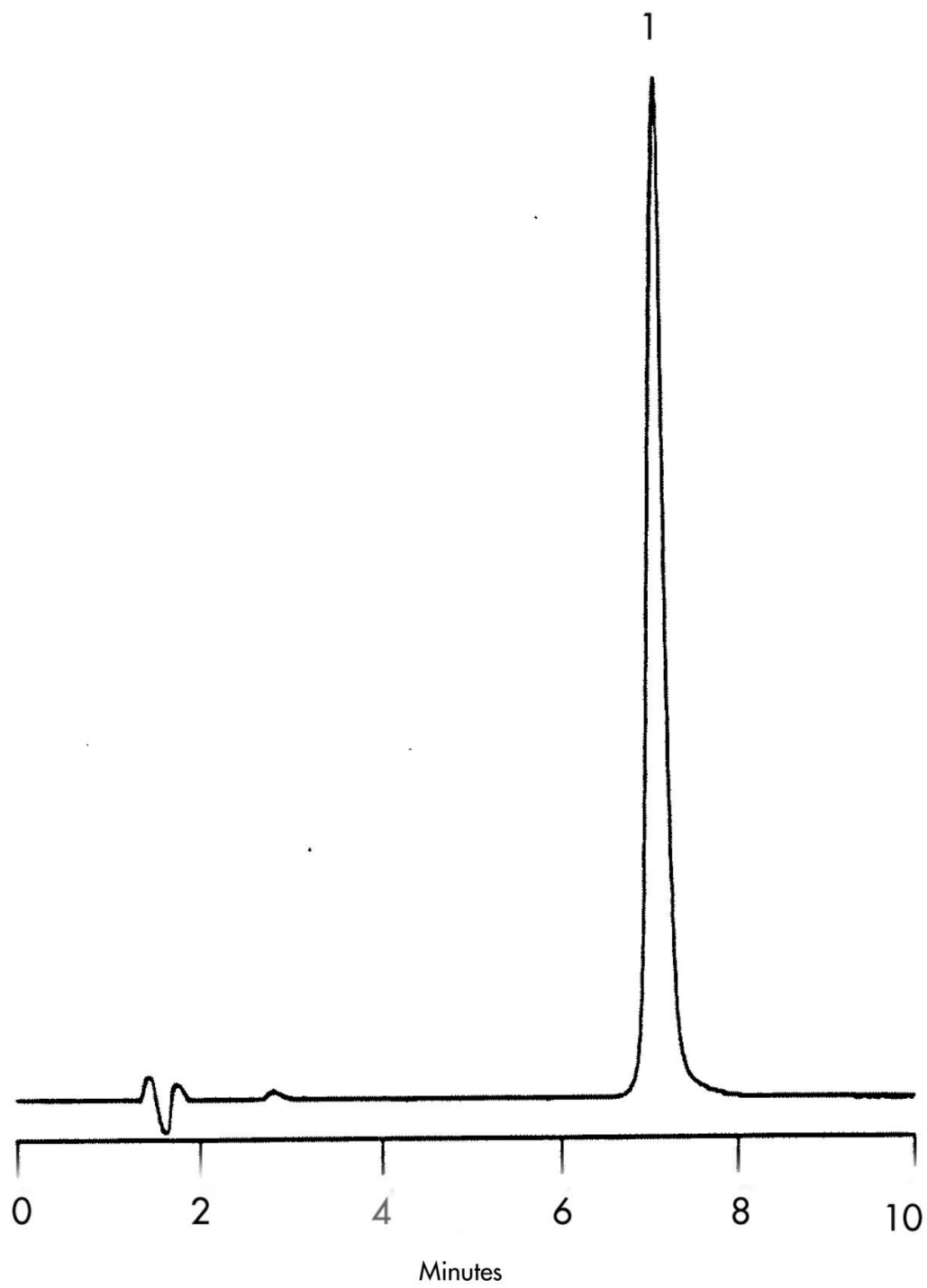
HPLC Method

| | |
|-------------------|---|
| Column: | Symmetry C ₈ , 3.9 x 150 mm, 5 μm |
| Guard Column: | Symmetry Guard Column 3.9 x 20 mm, 5 μm |
| Part numbers: | Column - WAT046970, Guard - WAT054250 |
| Mobile phase: | 100 mM sodium acetate, 5mM camphosulfonic acid, pH 6.2/acetonitrile/methanol 40:30:30 |
| Flow rate: | 1.0 mL/min |
| Injection volume: | 10 μL of 50 μg/mL sample |
| Detection: | UV @ 254 nm |

USP Tailing Factors

1. 1.08

Results and Discussion



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