

Application Note

Diphenoxylate HCL

Waters Corporation

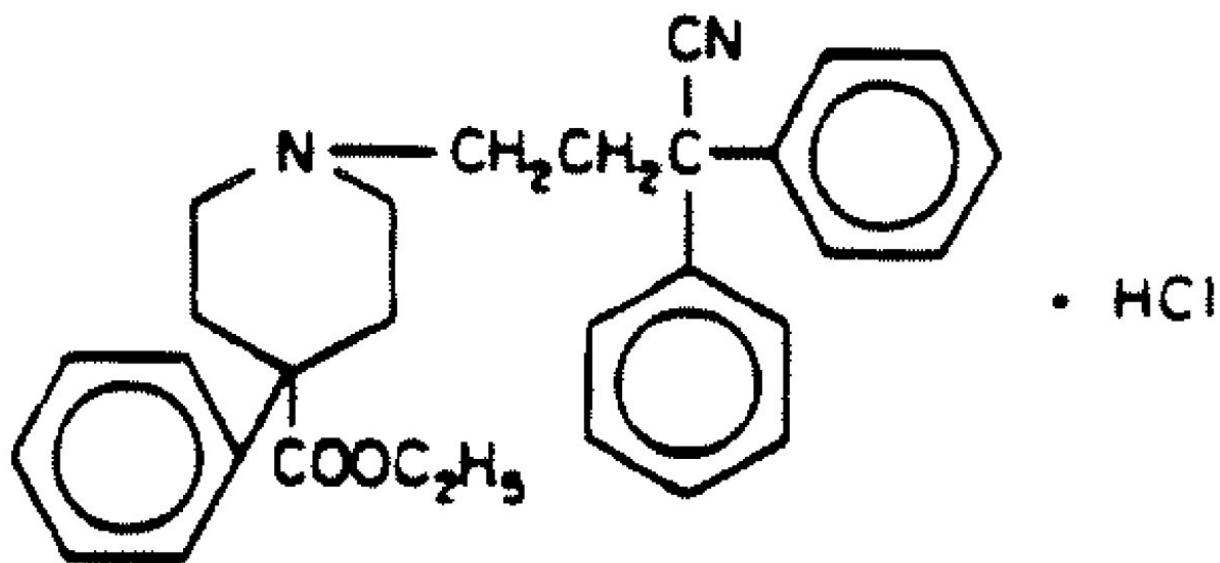
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

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

Introduction

The compound analyzed in this study is Diphenoxylate HCL.



1. Diphenoxylate HCL

Experimental

HPLC Method

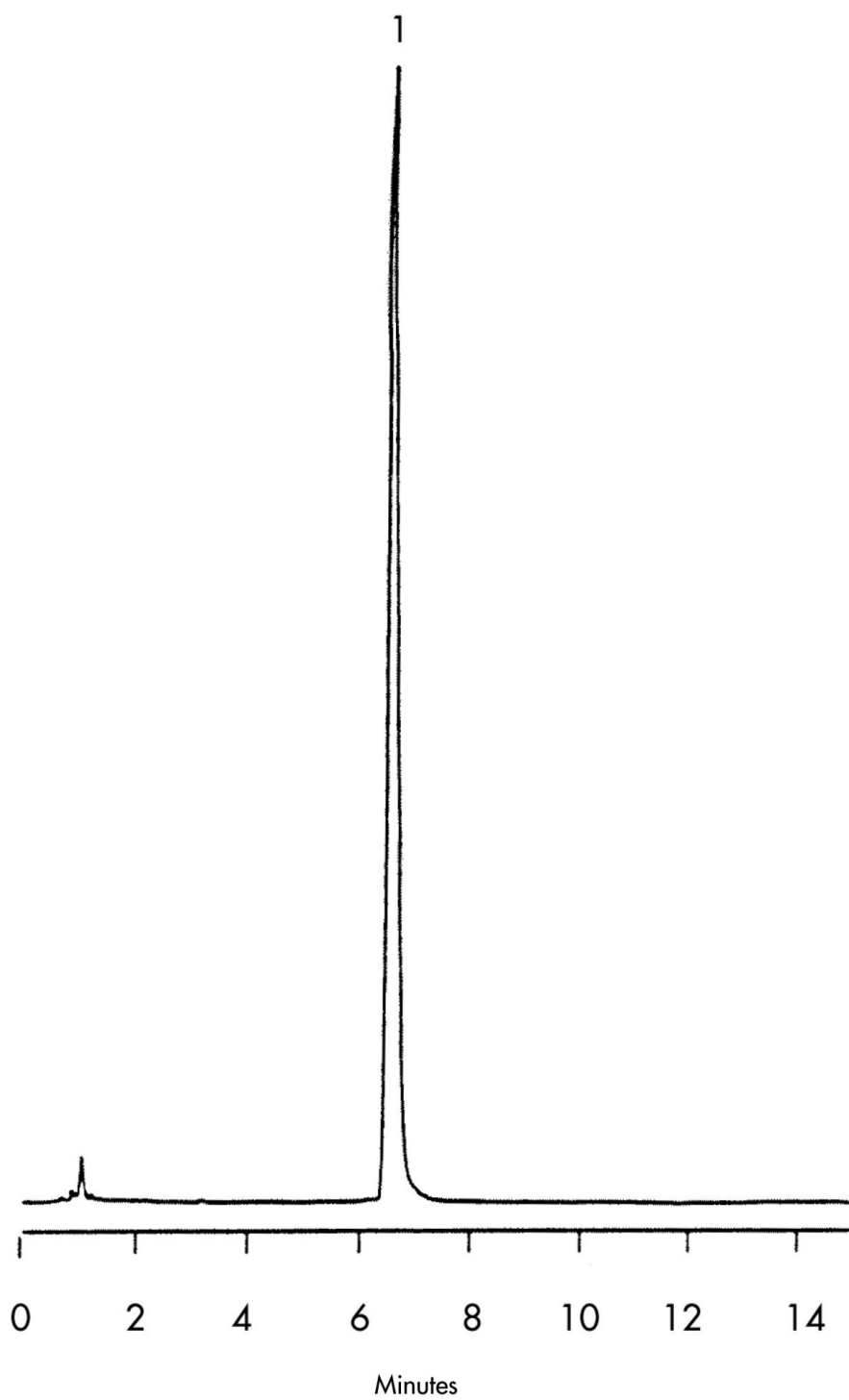
Column:	Symmetry C ₁₈ , 3.9 x 150 mm, 5 µm
Part number:	WAT046980
Mobile phase:	50 mM potassium phosphate, pH 6.0/acetonitrile 30:70

Flow rate:	1.0 mL/min
Injection volume:	10 µL of 100 µg/mL Diphenoxylate hydrochloride
Detection:	UV @ 210 nm

USP Tailing Factors

1. 1.3

Results and Discussion



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