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Application Note

Cyclizine and Chlorcyclizine

Waters Corporation

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

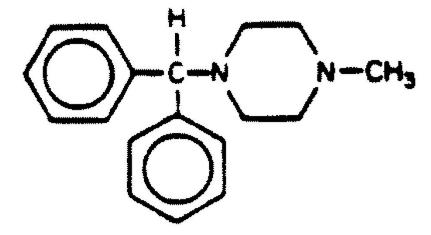
Abstract

This application brief details on analysis of cyclizine and chlorcyclizine using Symmetry Columns.

Introduction

The compounds analyzed in this study are:

- 1. Cyclizine
- 2. Chlorcyclizine HCL



1. Cyclizine

2. Chlorcyclizine HCL

Experimental

HPLC Method

 Column:
 Symmetry C₈, 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:
 7.4 mM sodium 1-heptanesulfonate in water/acetonitrile 65:35

 Flow rate:
 1.0 mL/min

 Injection volume:
 8 μL of 100 μg/mL sample

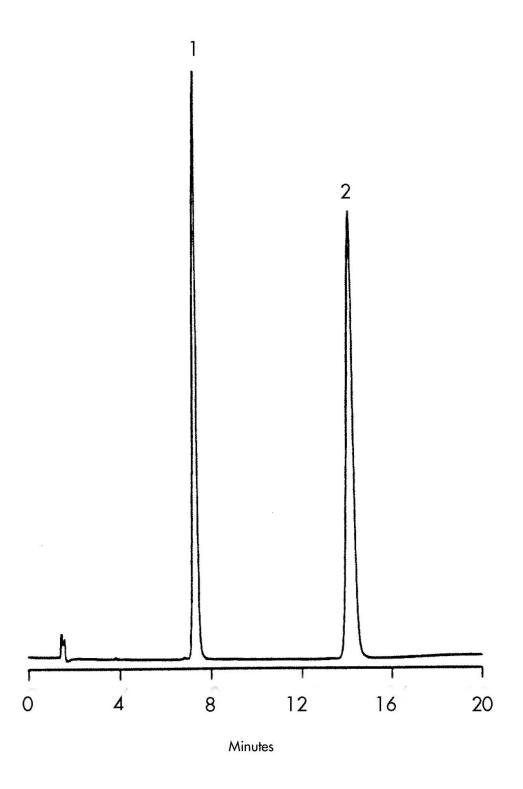
 Detection:
 UV @ 230 nm

USP Tailing Factors

1. 1.28

2. 1.28

Results and Discussion



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