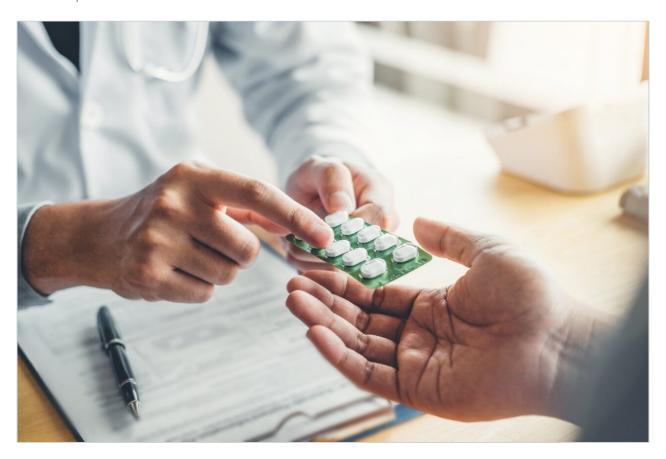
# Waters™

Application Note

# Maprotiline

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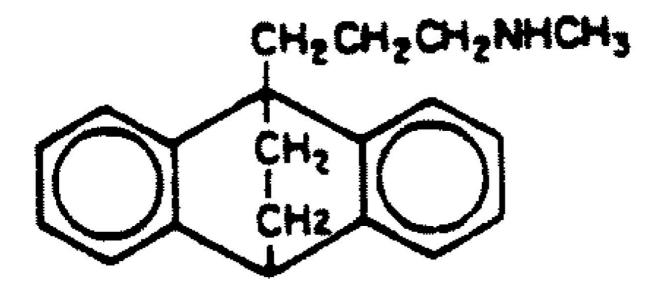
This is an Application Brief and does not contain a detailed Experimental section.

## Abstract

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

### Introduction

The compound analyzed in this study is Maprotiline.



# 1. Maprotiline HCL

## Experimental

#### **HPLC** Method

Column: Symmetry  $C_{18}$ , 3.9 x 150 mm, 5  $\mu m$ 

Part number: WAT046980

Mobile phase: 50 mM potassium phosphate pH 3.0/acetonitrile

65:35

Flow rate: 1.0 mL/min

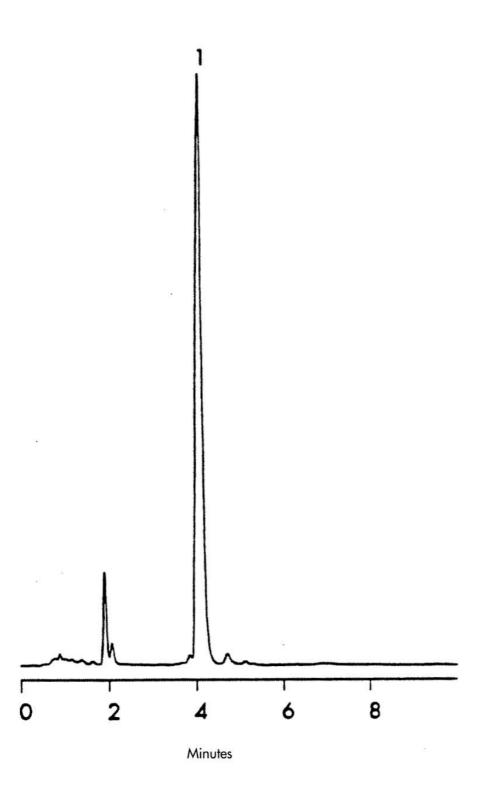
Injection volume: 5  $\mu$ L of 100  $\mu$ g/mL maprotiline hydrochloride

Detection: UV @ 254 nm

### **USP Tailing Factors**

1. 1.4

## Results and Discussion



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