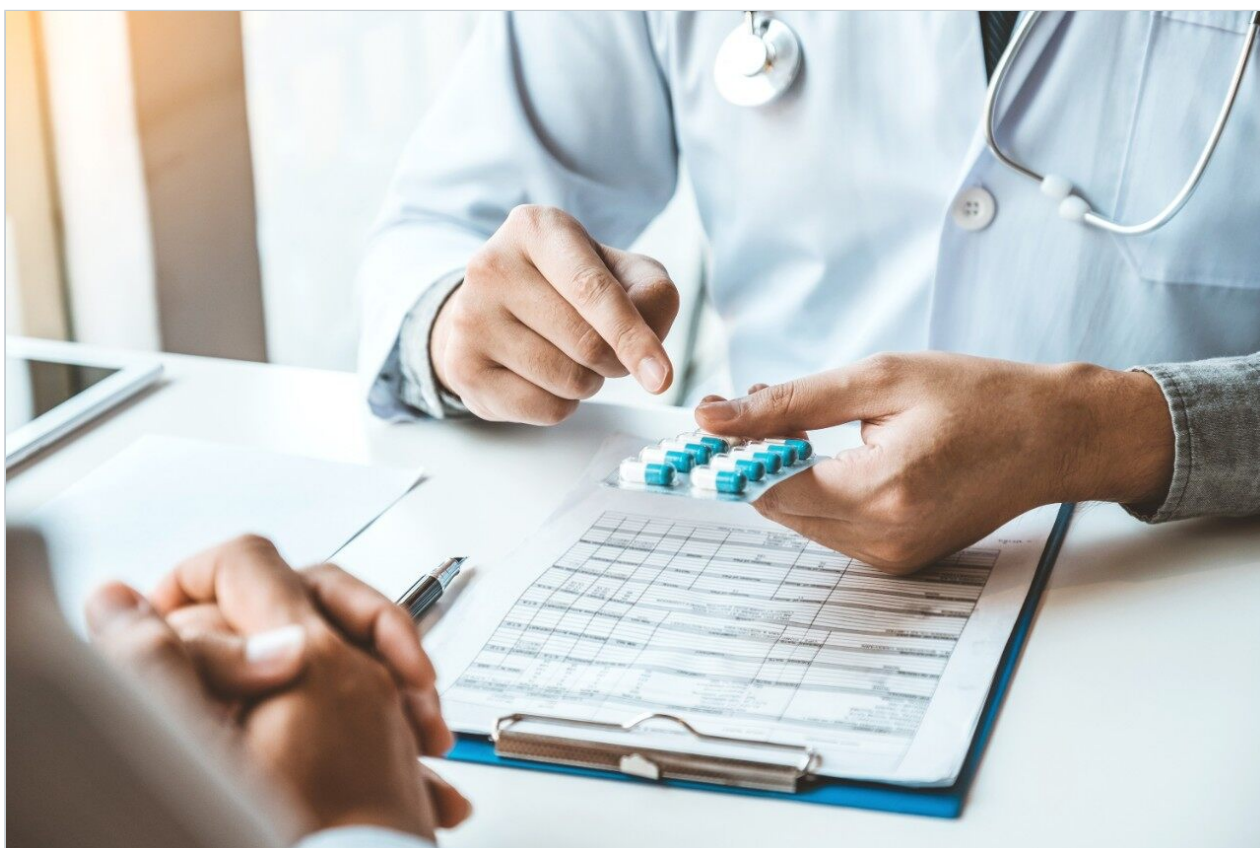


## Tricyclic Antidepressants - Symmetry C18 Column

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Waters Corporation



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

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### Abstract

This application brief demonstrates analysis of tricyclic antidepressants.

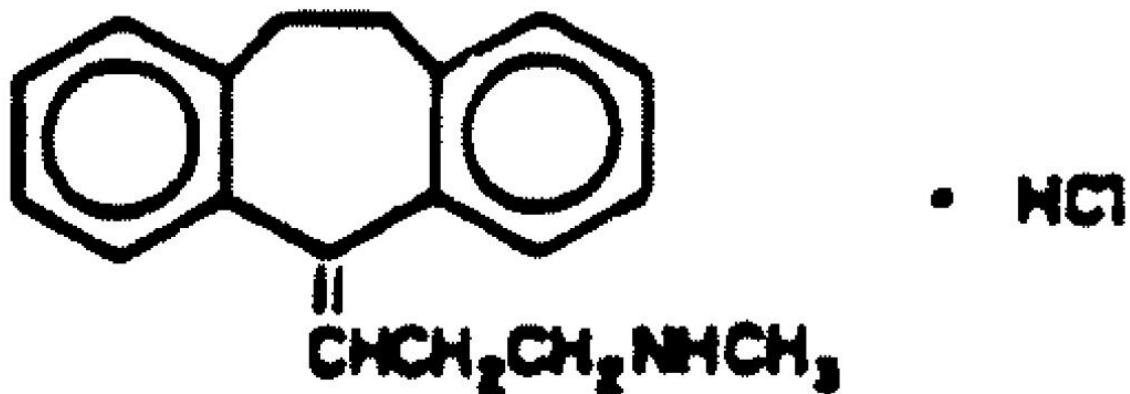
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## Introduction

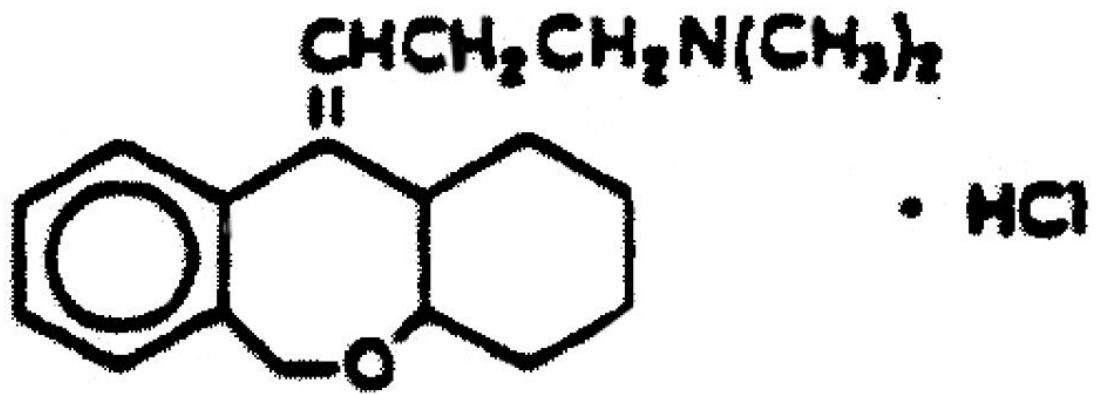
The compounds used in this study are –



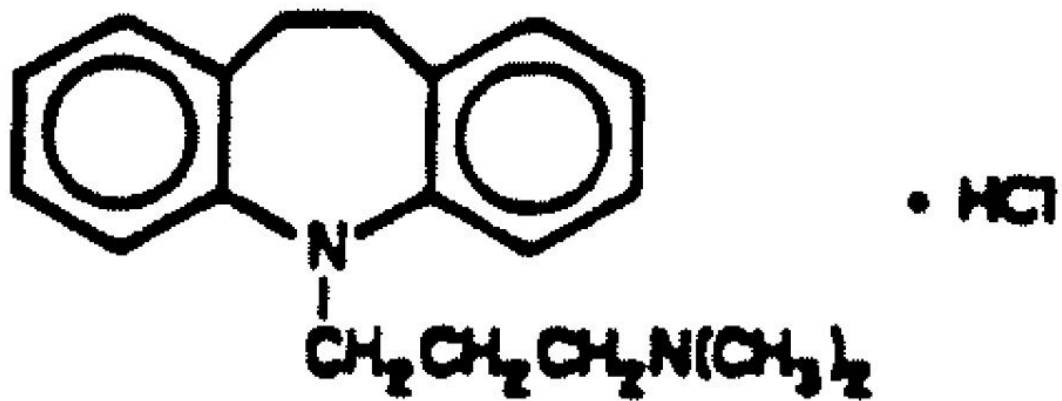
### 1. Protriptyline HCl



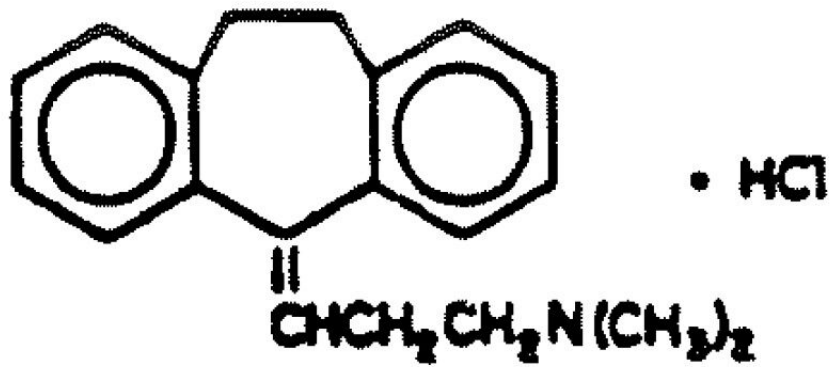
### 2. Nortriptyline HCl



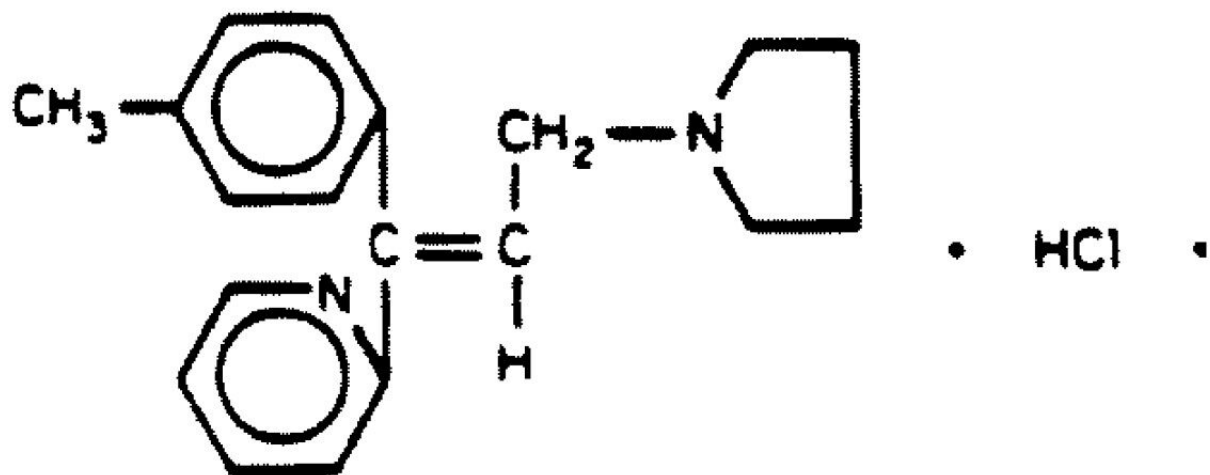
### 3. Doxepin HCl



### 4. Imipramine HCl



### 5. Amtriptyline HCl



### 6. Trimipramine

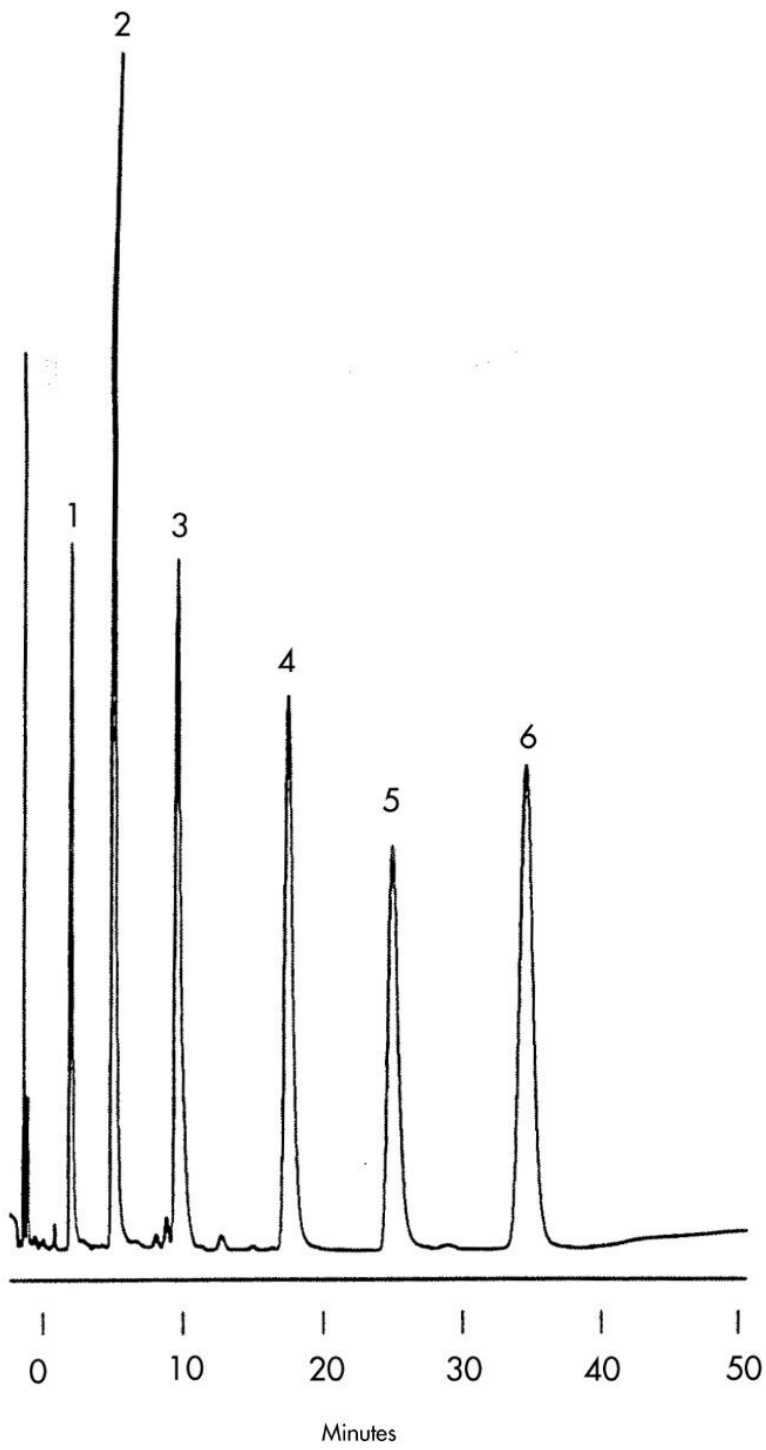
Experimental

HPLC Method

Column:	Symmetry C <sub>18</sub> , 3.9 x 150 mm, 5 μm
Part numbers:	WAT046980
Mobile phase:	20 mM potassium phosphate, pH 7/methanol 35:65
Flow rate:	1.0 mL/min
Injection volume:	20 μL of 100 μg/mL sample
Detection:	UV @ 254 nm

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## Results and Discussion



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Featured Products

WA31763.173, June 2003

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