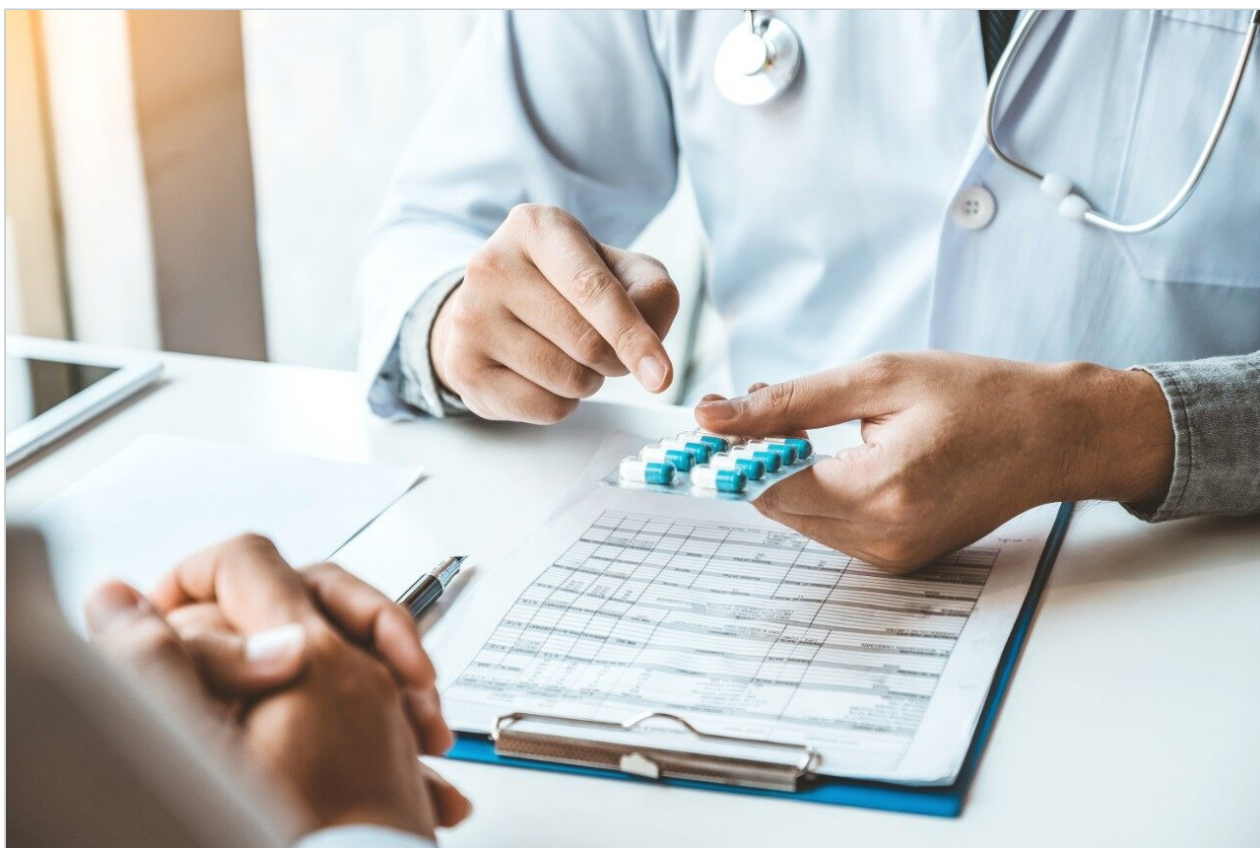


Nota applicativa

## Tricyclic Antidepressants and Metabolites

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Waters Corporation



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

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### Abstract

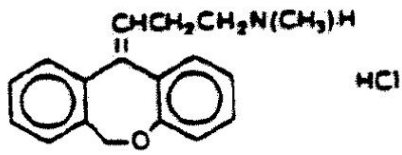
This application brief demonstrates analysis of tricyclic antidepressants and metabolites.

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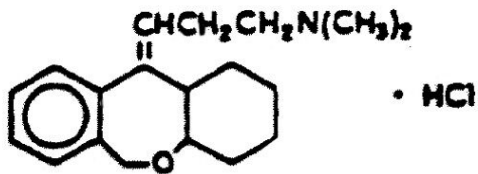
## Introduction

The compounds used in this study are –

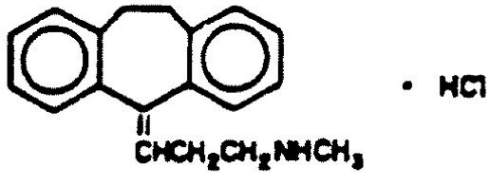
Compounds	USP Tailing Factors
Nordoxepin HCL	1.5
Doxepin HCL	1.5
Nortriptyline HCL	1.3
Amtriptyline HCL	1.2



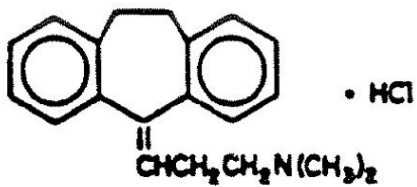
1. Nordoxepin HCL



2. Doxepin HCL



3. Nortriptyline HCL



4. Amtriptyline HCL

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## Experimental

### HPLC Method

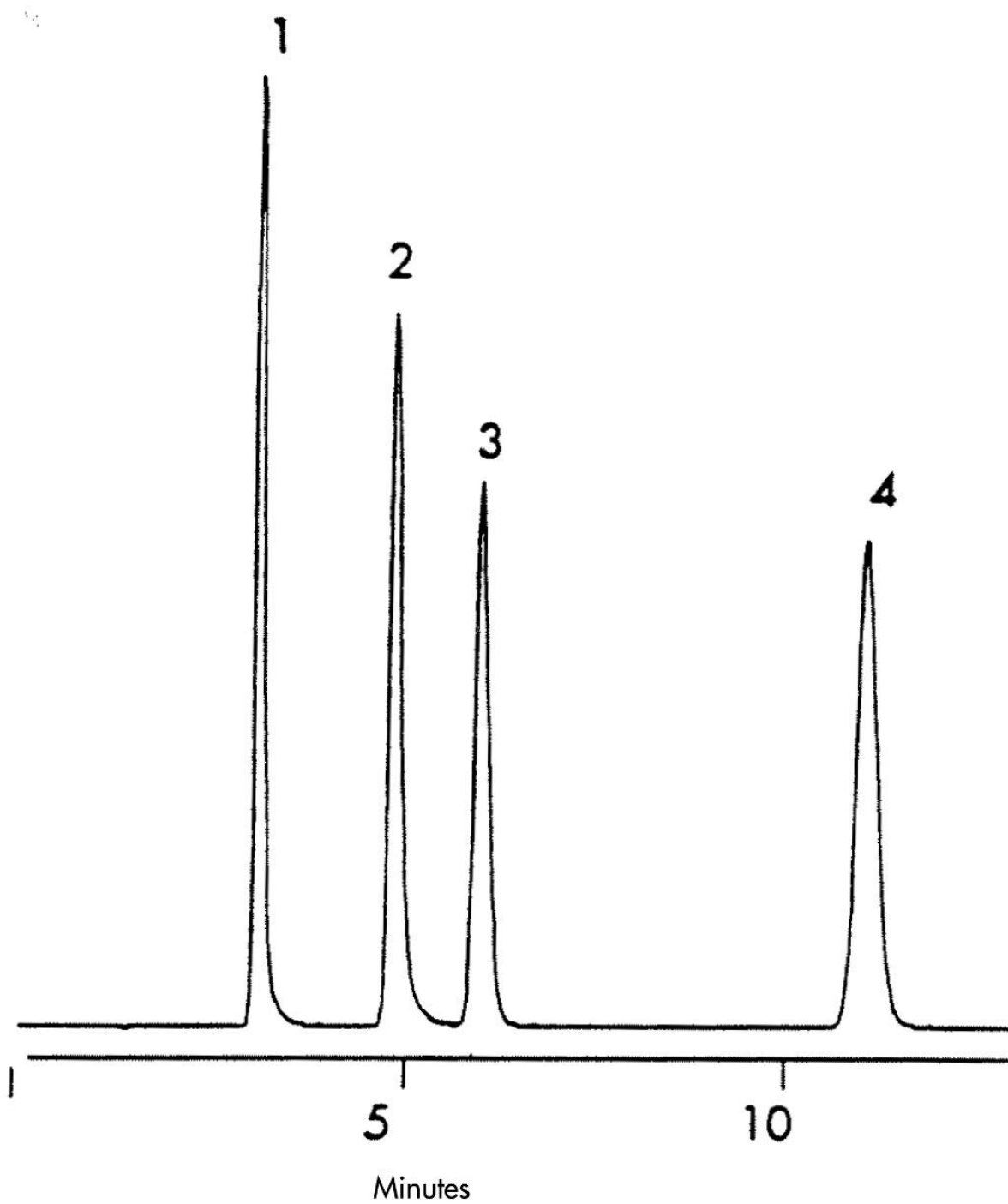
Column:

Symmetry C<sub>18</sub>, 3.9 x 150 mm, 5 μm

Part numbers:	WAT046980
Mobile phase:	20 mM potassium phosphate, pH 7.0/methanol 29:71
Flow rate:	1.0 mL/min
Injection volume:	5 $\mu$ L of 1 to 1.16 mg/mL
Temperature:	35 $^{\circ}$ C
Detection:	UV @ 254 nm

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## Results and Discussion



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Featured Products

WA31763.174, June 2003

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