Waters™

Application Note

# Procainamides at pH 6.0

Waters Corporation

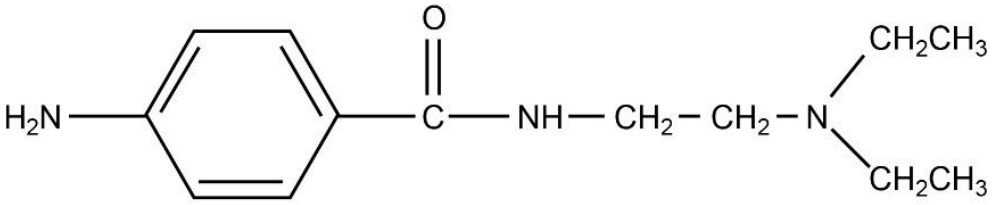
This is an Application Brief and does not contain a detailed Experimental section.

## Abstract

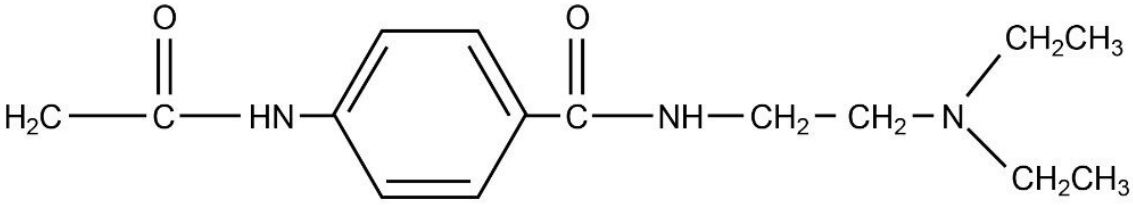
This application brief highlights the analysis of Procainamides at pH 6.0 using Symmetry columns.

## Introduction

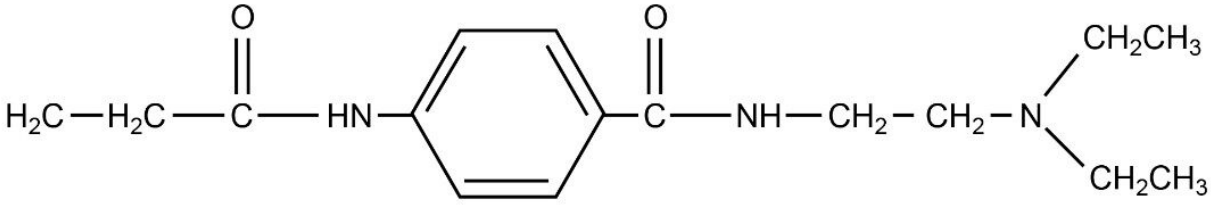
Compounds used in this application brief includes Procainamide, N-Acetylprocainamide, and N-Propionylprocainamide.




**1. Procainamide**




**2. N-Acetylprocainamide**



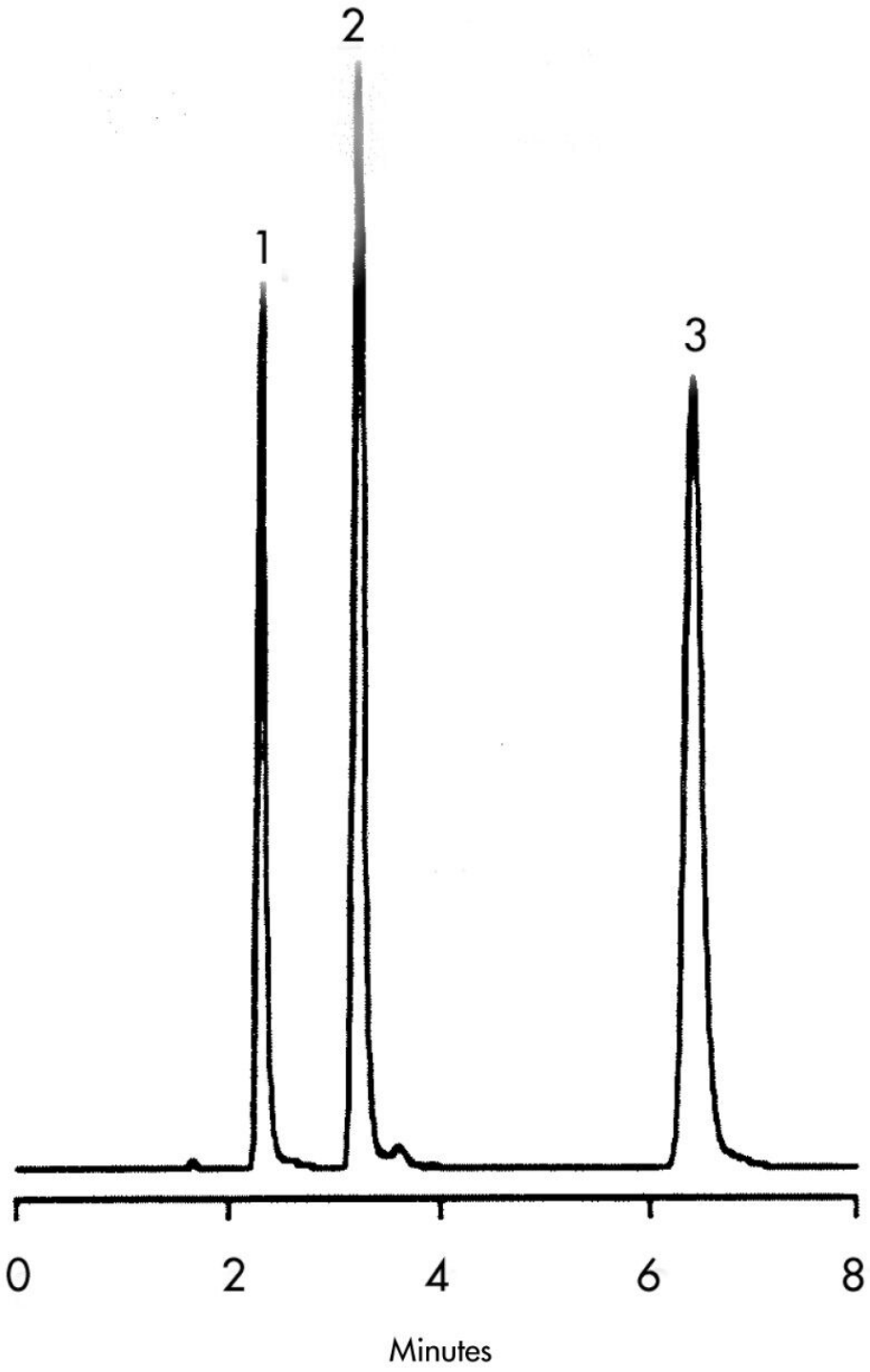

**3. N-Propionylprocainamide**

Experimental

### HPLC Method

| | |
|---|---|
| Column: | Symmetry $C_8$, 3.9 x 150 mm, 5 µm (p/n: WAT046970) |
| Mobile phase: | 20 mM potassium phosphate, pH 6.0/acetonirtrile 90:10 |
| Flow rate: | 1.0 mL/min |
| Injection volume: | 10 µL of 40 µg/mL each compound |
| Detection: | UV @ 254 nm |
| USP tailing factors: | 1. 1.4<br>2. 1.4<br>3. 1.4 |

## Results and Discussion

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