

Procainamides at pH 3.0

Waters Corporation



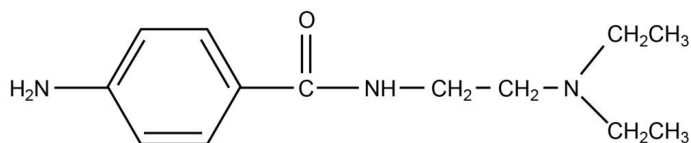
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

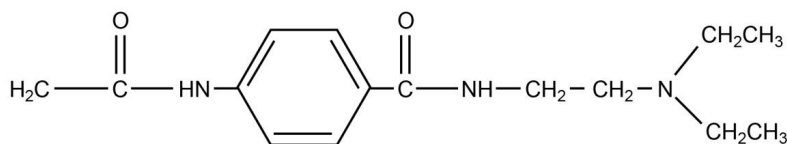
This application brief highlights the analysis of procainamides at pH 3.0 using Symmetry columns.

Introduction

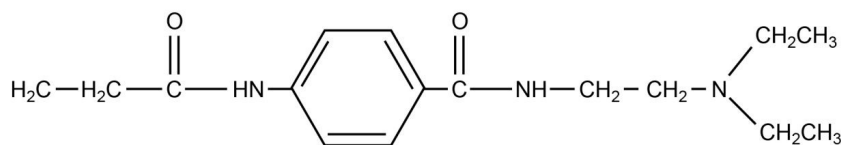
Compounds used in this application brief includes Procainamide, N-Acetylprocainamide, and N-Propionylprocainamide.



1. Procainamide



2. N-Acetylprocainamide



3. N-Propionylprocainamide

Experimental

HPLC Method

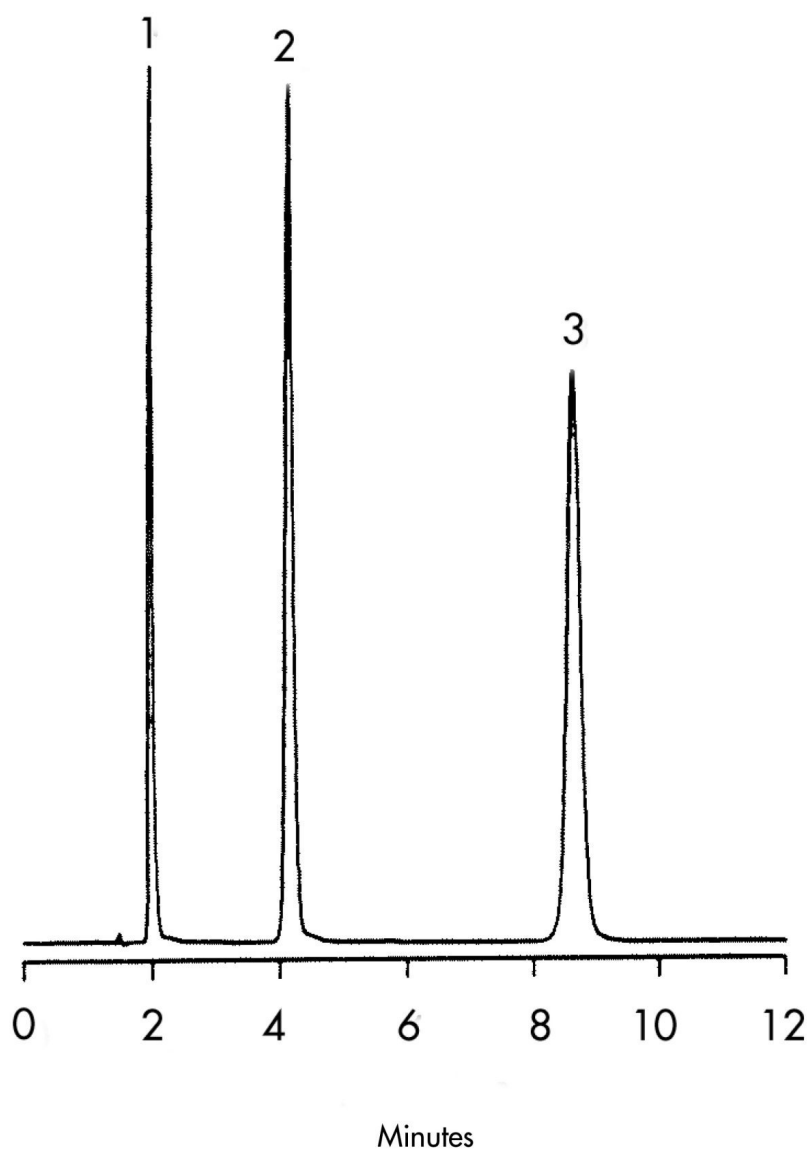
Column:

Symmetry C₈, 3.9 x 150 mm, 5 μm (p/n:

WAT046970)

Guard Column:	Sentry Guard Column 3.9 x 20 mm, 5 µm (p/n: WAT054250)
Mobile phase:	50 mM potassium phosphate, pH 3.0/methanol 85:15
Flow rate:	1.0 mL/min
Injection volume:	10 µL of 40 µg/mL sample
Detection:	UV @ 227 nm
USP tailing factors:	1. 1.2 2. 1.0 3. 1.0

Results and Discussion



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