

Procainamides at pH 6.0

Waters Corporation



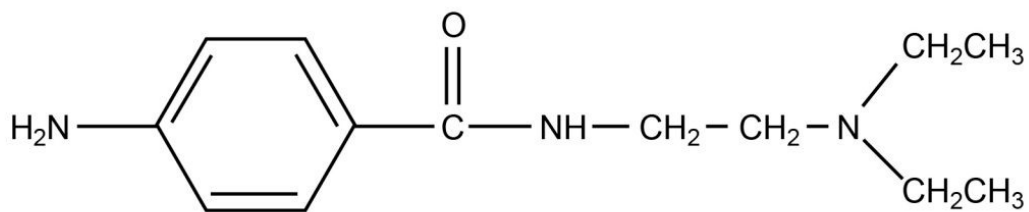
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

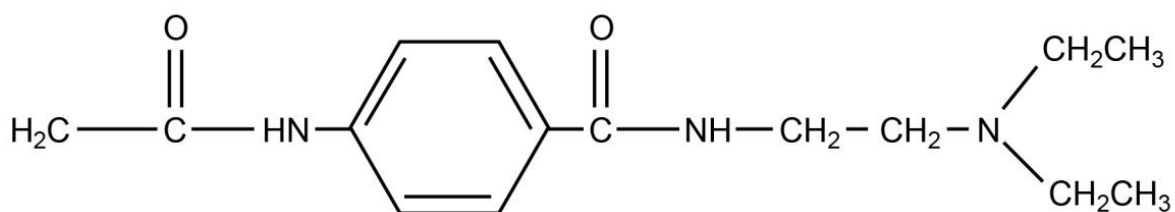
This application brief highlights the analysis of Procainamides at pH 6.0 using Symmetry columns.

Introduction

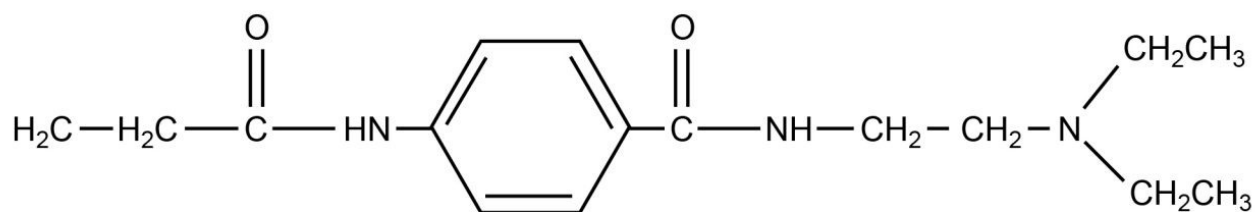
Compounds used in this application brief includes Procainamide, N-Acetylprocainamide, and N-Propionylprocainamide.



1. Procainamide



2. N-Acetylprocainamide



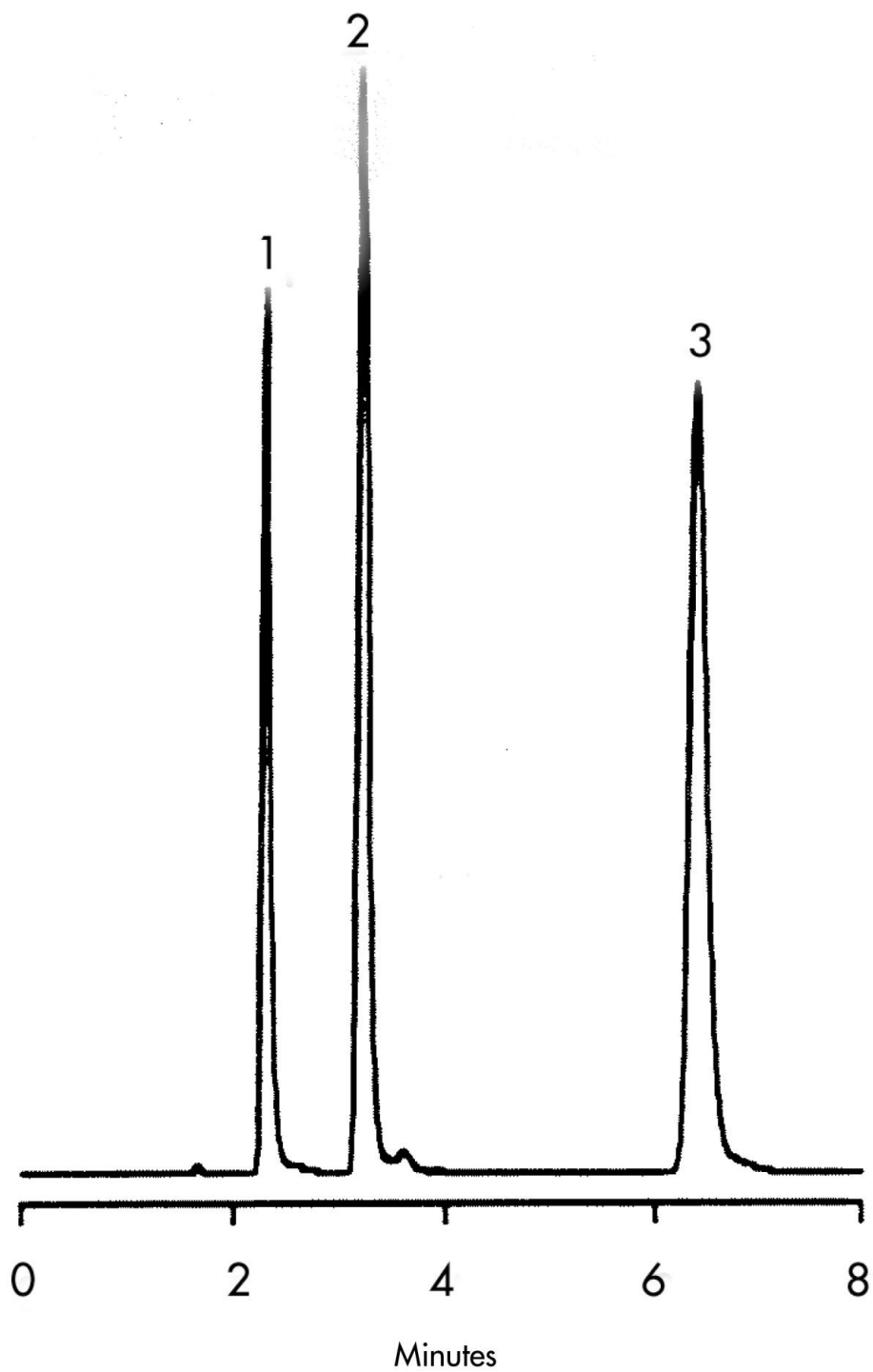
3. N-Propionylprocainamide

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/acetonitrile 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 2. 1.4 3. 1.4

Results and Discussion



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