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Application Note

Prochlorperazine - Isolation of Degradation Products, Transfer from Analytical to Prep

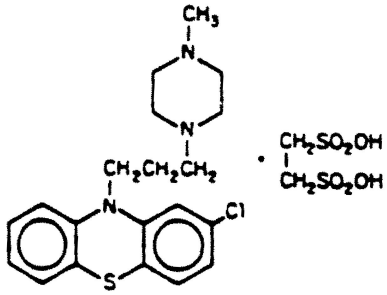
Waters Corporation

Abstract

This application brief highlights the analysis of Prochlorperazine using Symmetry and SymmetryPrep columns.

Introduction

This application brief highlights the isolation of degradation products of Prochlorperazine and transfer from analytical to preparatory scale.



1. Prochlorperazine Edisylate

Experimental

HPLC Method

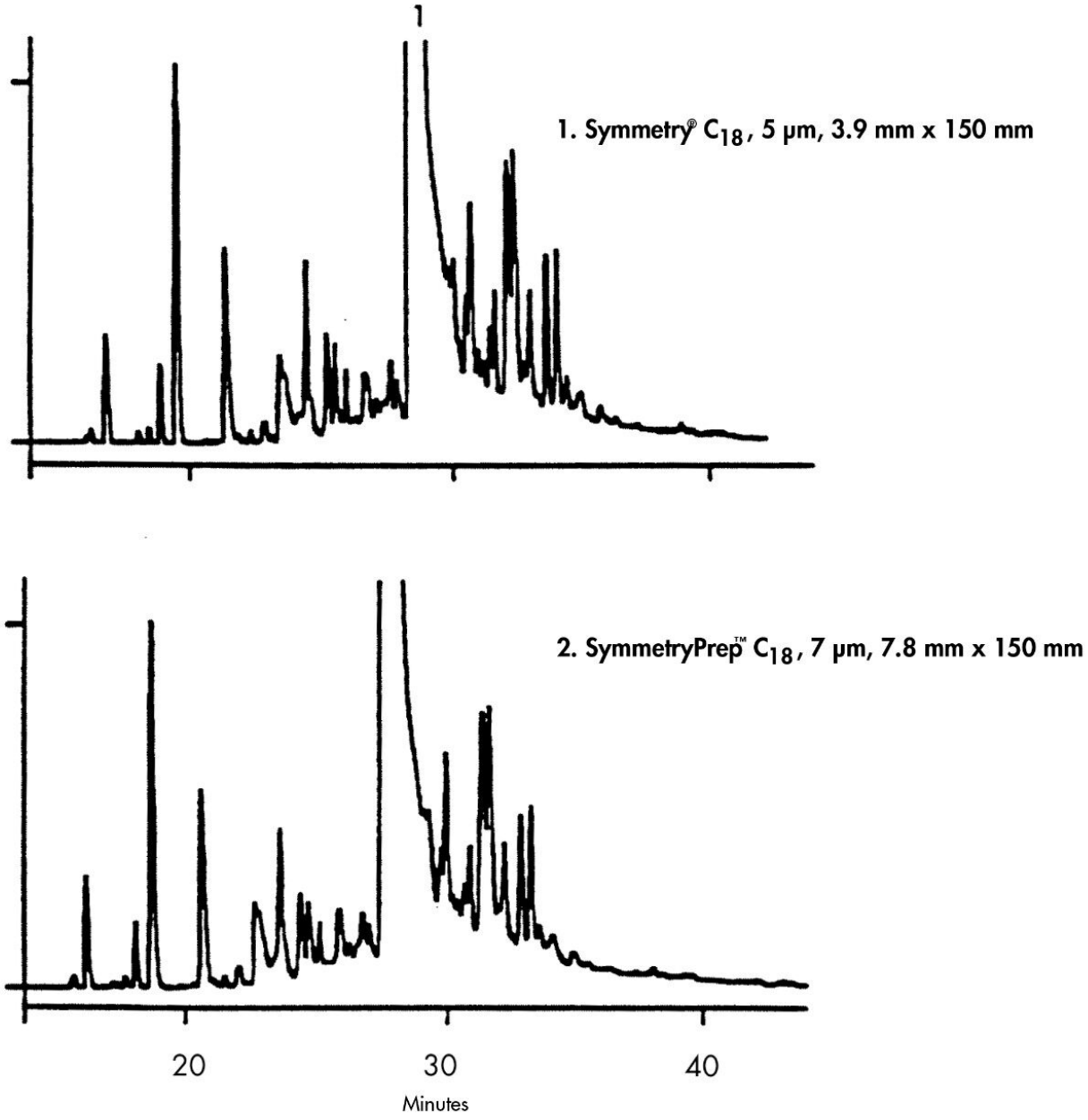
Column:	Symmetry C_{18}, 3.9 x 150 mm, 5 µm (p/n: WAT046980) SymmetryPrep C_{18}, 7.8 x 150 mm, 7 µm (p/n: WAT066288)
Mobile phase A:	0.1% TFA in water
Mobile phase B:	Acetonitrile
Flow rate:	0.7 mL/min 2.8 mL/min

Injection volume:	Prochlorperazine edisylate A. 0.8 mg, B. 3.2mg
Detection:	UV @ 280 nm

Gradient

Time (min)	Profile	
	%A	%B
0	90	10
50	40	60

Results and Discussion



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