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Nota de aplicación

Tamoxifen – Isolation of Impurities, Transfer from Analytical to Prep

Waters Corporation

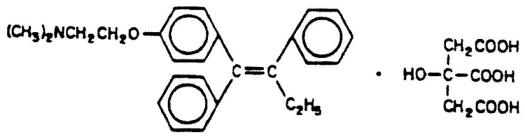
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the Tamoxifen impurities isolation and transfer from analytical to prep using Symmetry and SymmetryPrep Columns.

Introduction

Compound used in this study is Tamoxifen Citrate.



1. Tamoxifen Citrate

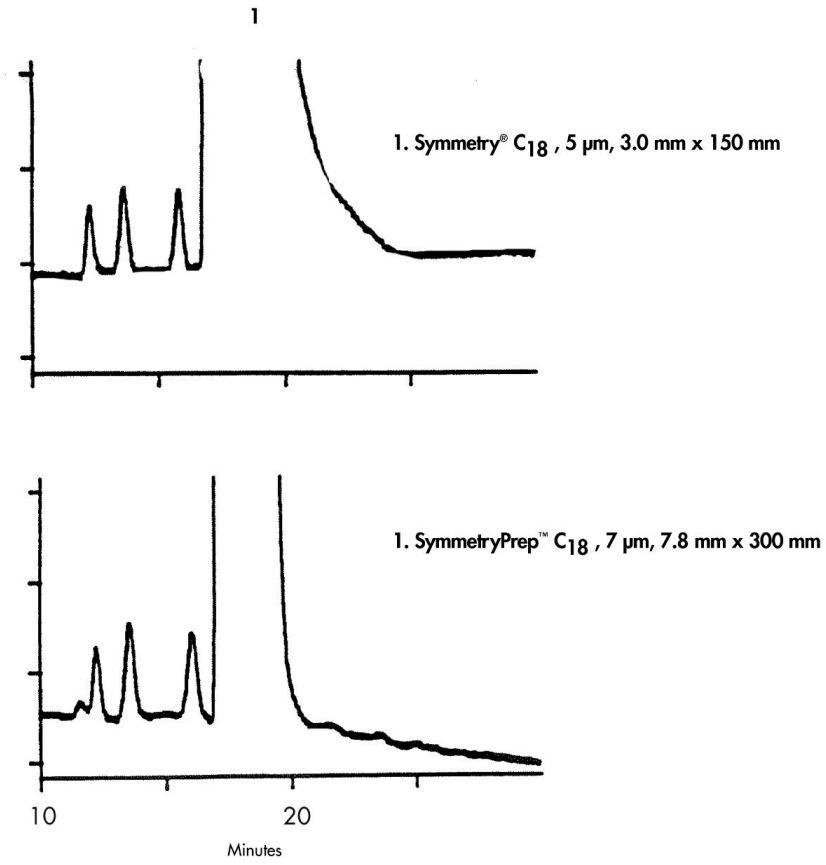
Experimental

HPLC Method

Columns:	Symmetry C_{18}, 3.0 x 150 mm, 5 µm (p/n:186000109) SymmetryPrep C_{18}, 7.8 x 300 mm, 7 µm (p/n: WAT066235)
Mobile phase:	Acetonitrile/50 mM potassium phosphate buffer, pH 3.0 40:60
Flow rate:	A. 0.4 mL/min B. 5.6 mL/min
Injection volume:	5 mg/mL tamoxifen citrate A. 15 mg B. 101 mg

Detection:	UV @ 254 nm

Results and Discussion



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WA31763.163, June 2003