Waters™

アプリケーションノート

Omeprazole in Rat Plasma

Waters Corporation

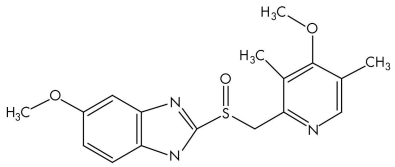
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the anlysis of omeprazole using XTerra MS C_{18} columns.

Introduction

Omeprazole in rat plasma has been analyzed in this study.



Omeprazole

Experimental

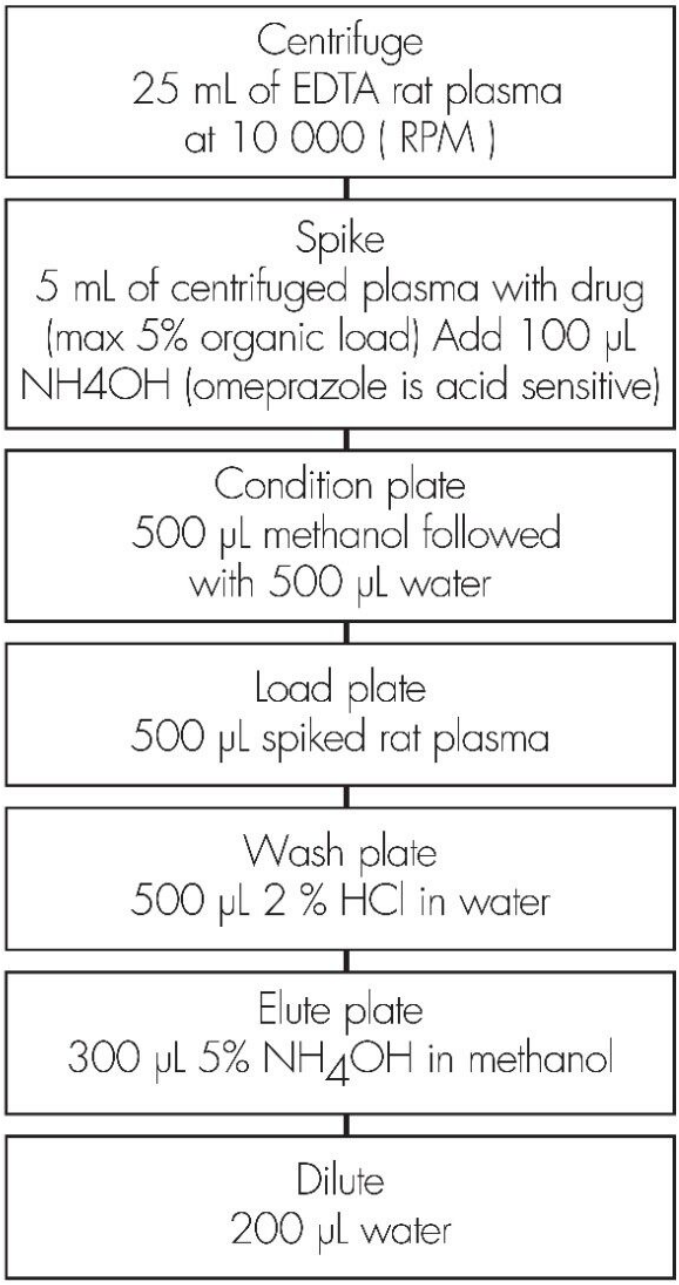
HPLC Conditions

Column:	XTerra MS C_{18} 2.1 x 30 mm, 3.5 µm (p/n: 186000398)
Mobile phase A:	1.0% NH_4OH
Mobile phase B:	ACN
Isocratic mobile phase composition:	50% A; 50% B
Flow rate:	0.2 mL/min
Injection volume:	20 µL
Detection:	MS ESI+
Instrument:	Alliance 2690, Micromass Quattro Ultima

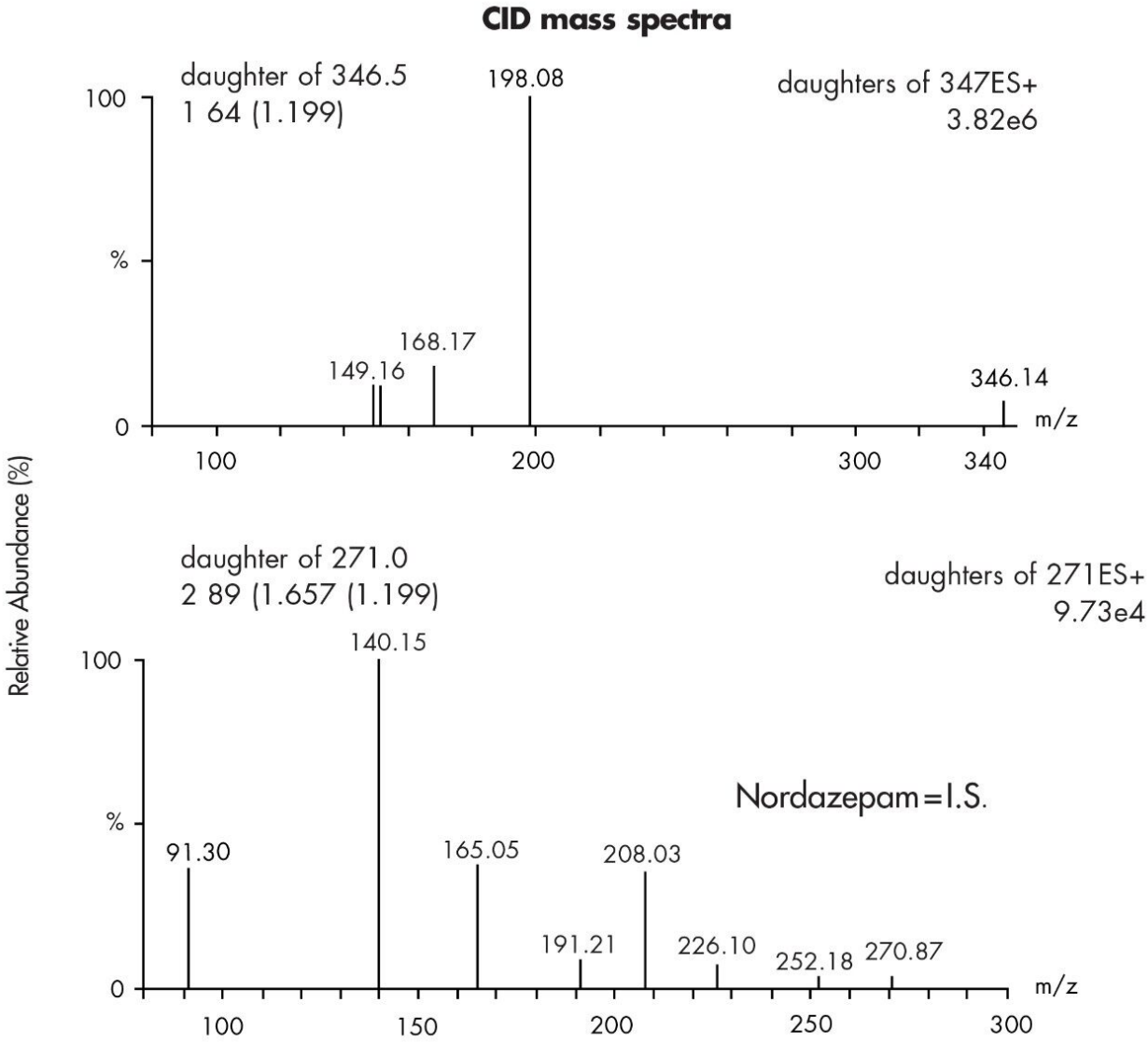
MS Conditions

Ion source:	ESI+
Source temp.:	150 °C
Gas cell:	$1.5e^{-3}$ mbar, 10 eV
Desolvation temp.:	350 °C
Cone gas flow:	150 L/hr
Drying gas flow:	600 L/hr
Cone voltage:	30 V

Oasis® MCX Extraction Method
Oasis® MCX Extraction Plate, 10 mg/96-well
Part Number 186000259



Results and Discussion



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