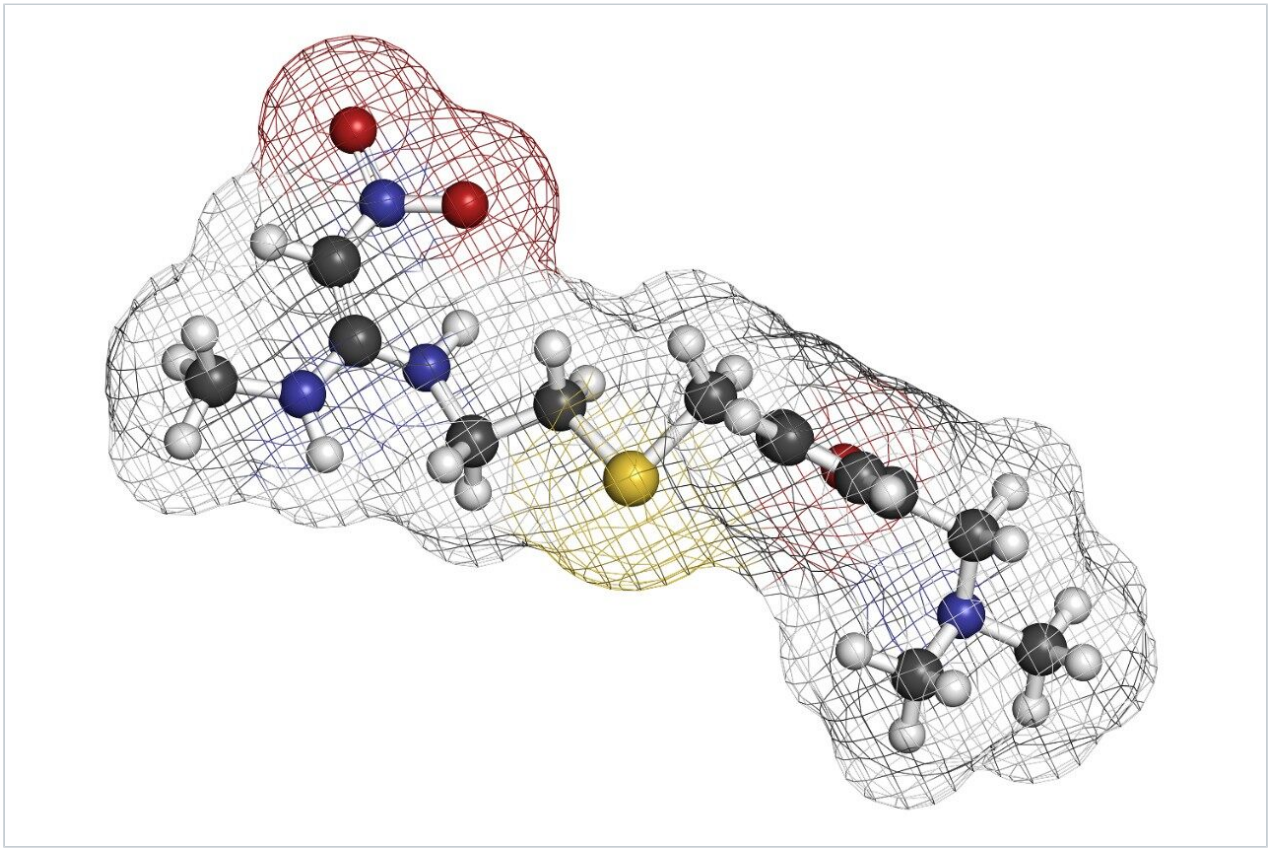
Waters™

Application Note

Ranitidine in Rat Plasma

Waters Corporation



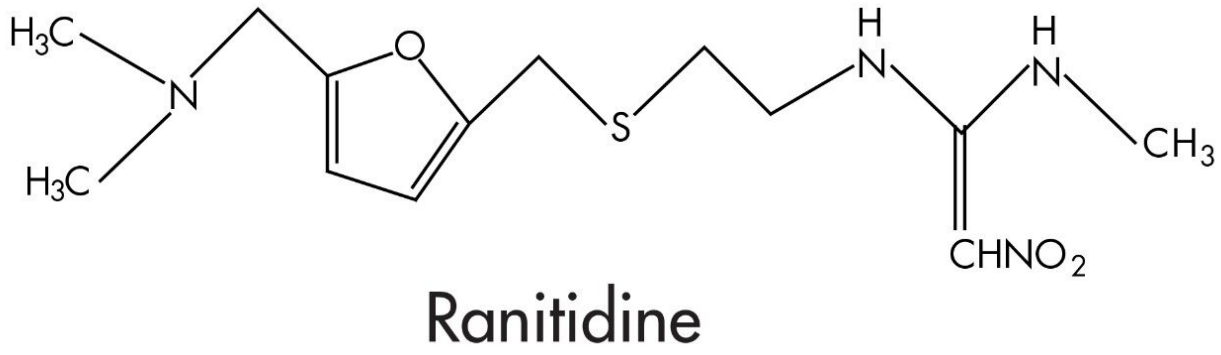
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates analysis of ranitidine in rat plasma.

Introduction

The compound analyzed in this study is ranitidine.



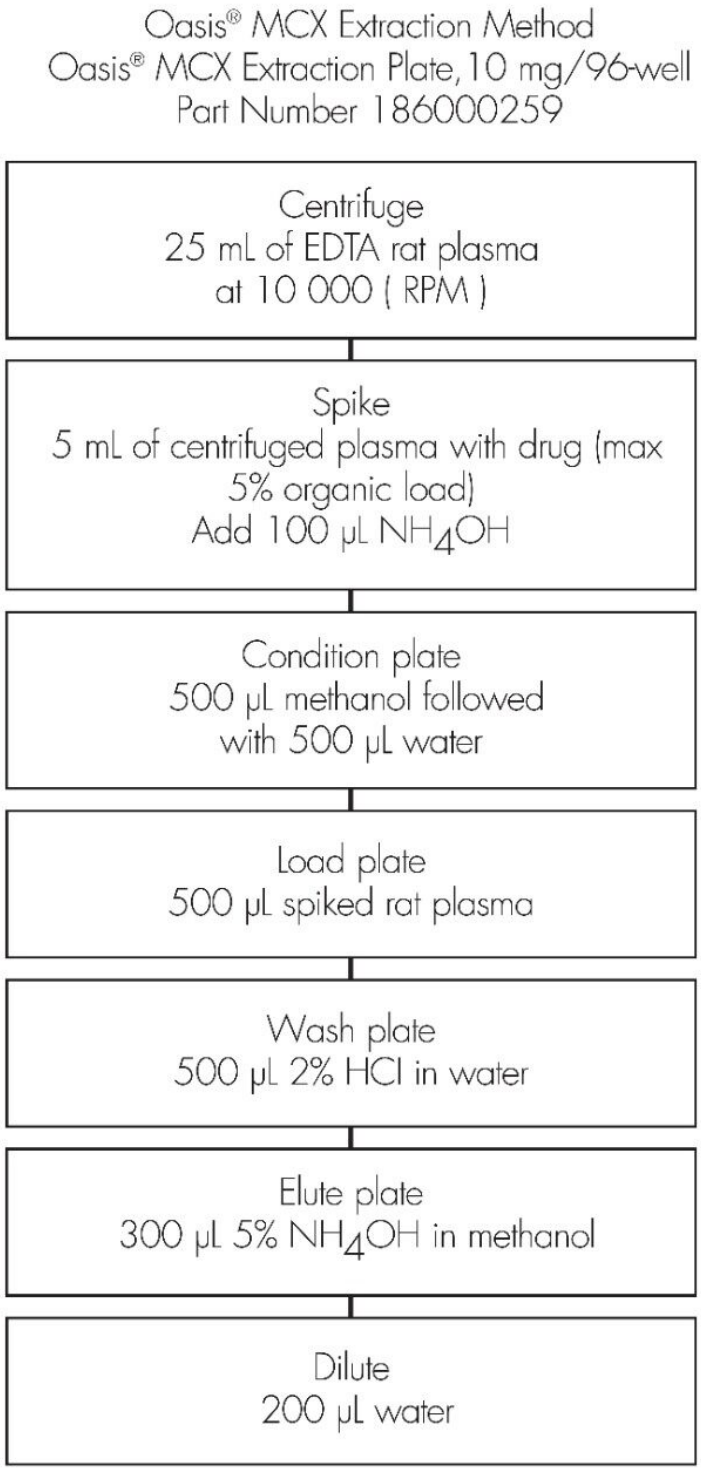
Ranitidine

Experimental

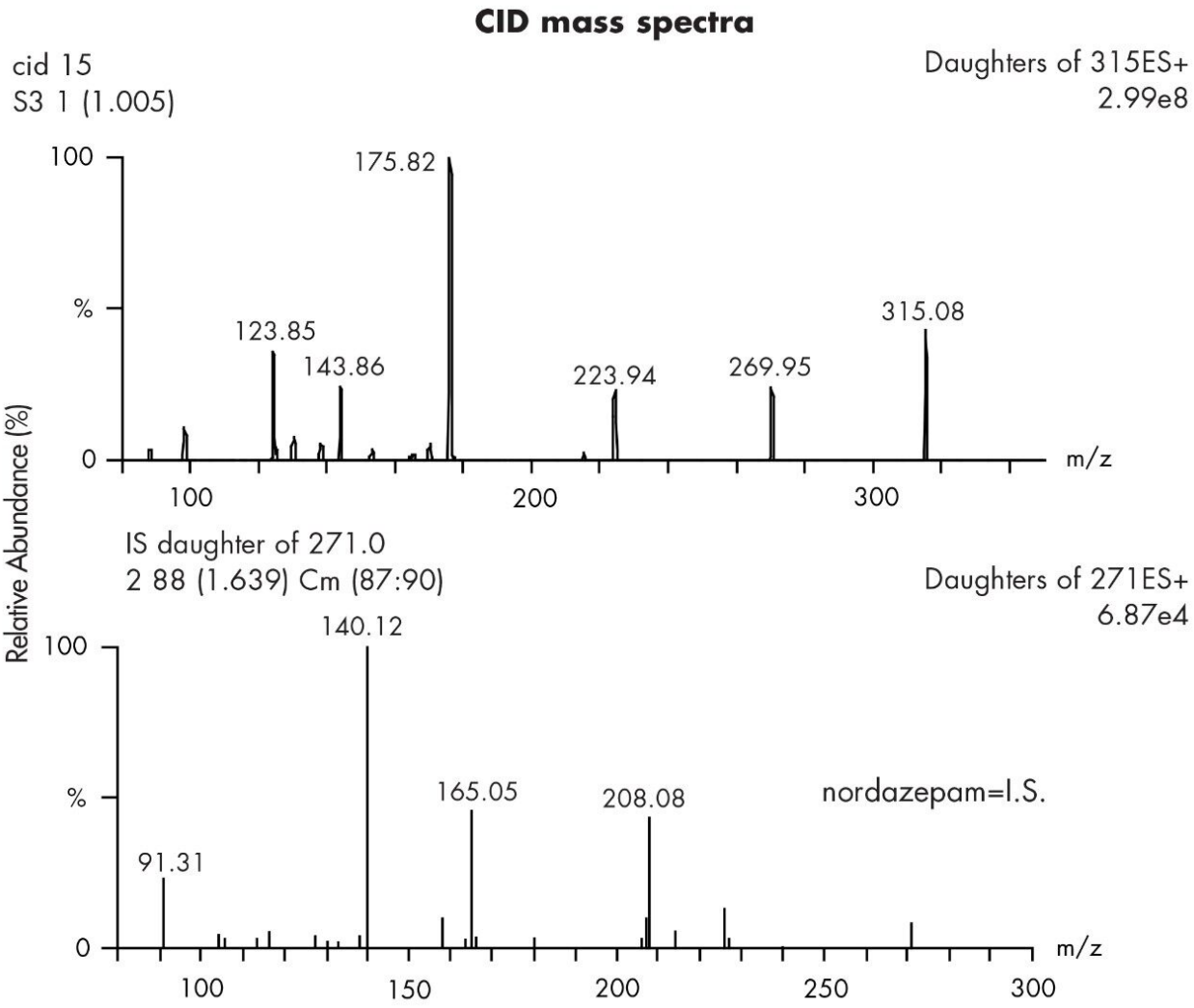
Conditions

Column:	Xterra MS C_{18} 2.1 x 30 mm, 3.5 µm
Part number:	186000398
Mobile phase A:	100 mM NH_4COOH
Mobile phase B:	ACN
Isocratic mobile phase composition:	30% A; 70% B
Flow rate:	0.2 mL/min
Injection volume:	15 µL

Detection:	MS ESI+
Instrument:	Alliance 2790, Micromass Quattro Ultima
Ion source:	ESI+
Source temperature:	150 °C
Gas cell:	1.5e-3 mbar, 20eV
Desolvation temperature:	350 °C
Cone gas flow:	150 L/hr
Drying gas flow:	600 L/hr
Cone voltage:	20V



Results and Discussion



Featured Products

Alliance HPLC System <https://www.waters.com/534293>

WA20738.096, June 2002