Waters™

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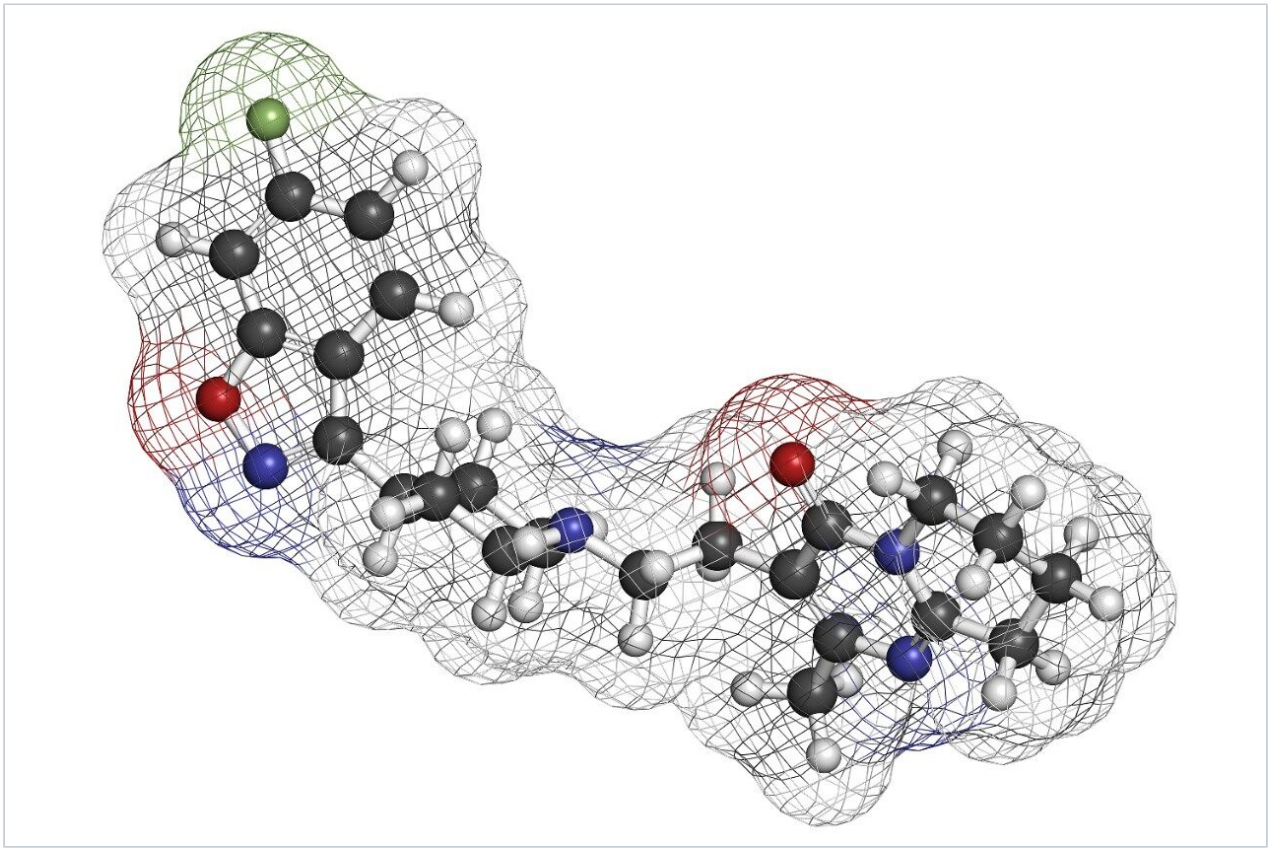
Risperidone pH 7.0 - LC-MS

Waters Corporation



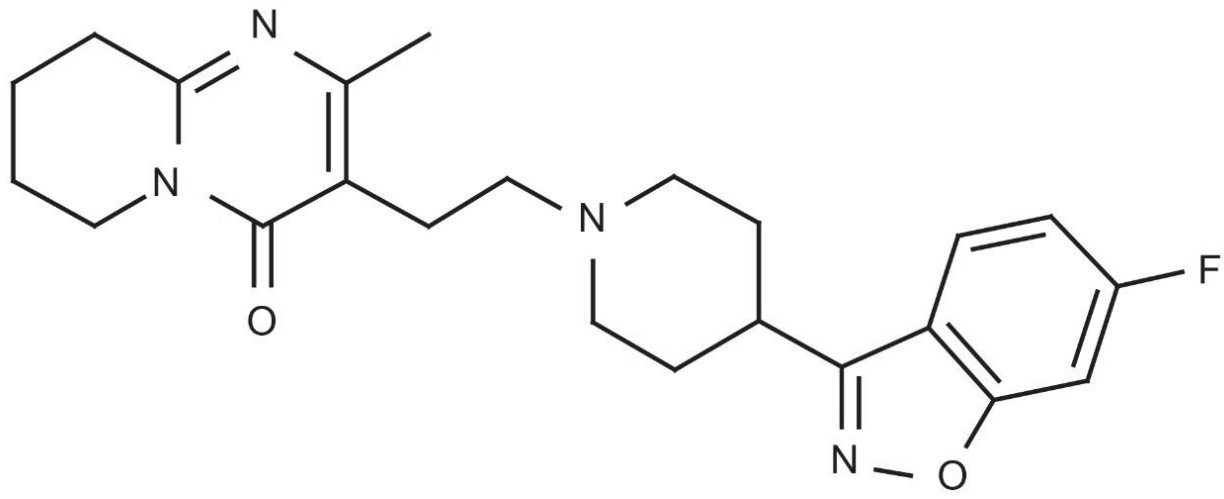
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates analysis of risperidone.

Introduction

The compound analyzed in this study is risperidone.



Risperidone

Experimental

Conditions

Column:	Xterra MS C_{18} 2.1 x 30 mm, 3.5 µm
Part number:	186000398
Mobile phase A:	20 mM NH_4HCO_3 in H_2O
Mobile phase B:	ACN

Flow rate:	0.2 mL/min to MS
Isocratic mobile phase composition:	72% A; 28% B
Injection volume:	20 µL of 100 pg/µL
Temperature:	Ambient
Detection:	MS ESI^+, SIR 411.3
Instrument:	Alliance 2795 HT, Micromass ZQ

MS Conditions

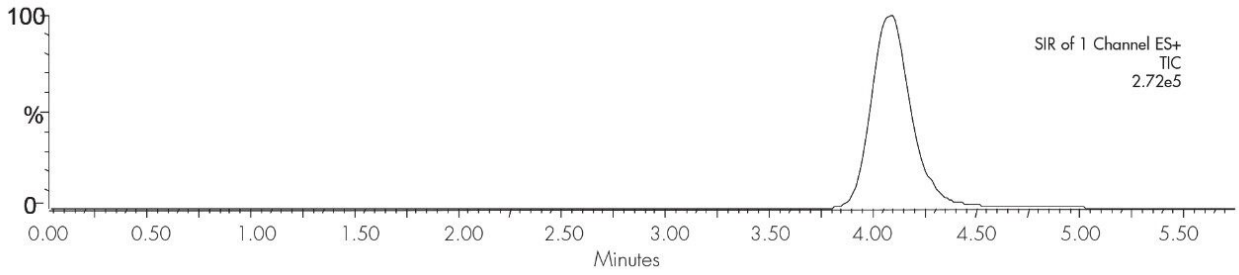
Micromass ZQ ESI^+

Capillary (kV):	3.0
Cone (V):	30
Extractor:	3.0
RF lens:	0.5
Source temp.:	150
Desolvation temp.:	350
Cone gas flow (L/Hr):	60
Desolvation gas flow (L/Hr):	500
LM resolution:	15
HM resolution:	15

Micromass ZQ ESI^+

Ion energy:	1.0
Multiplier (V):	650

Results and Discussion



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

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