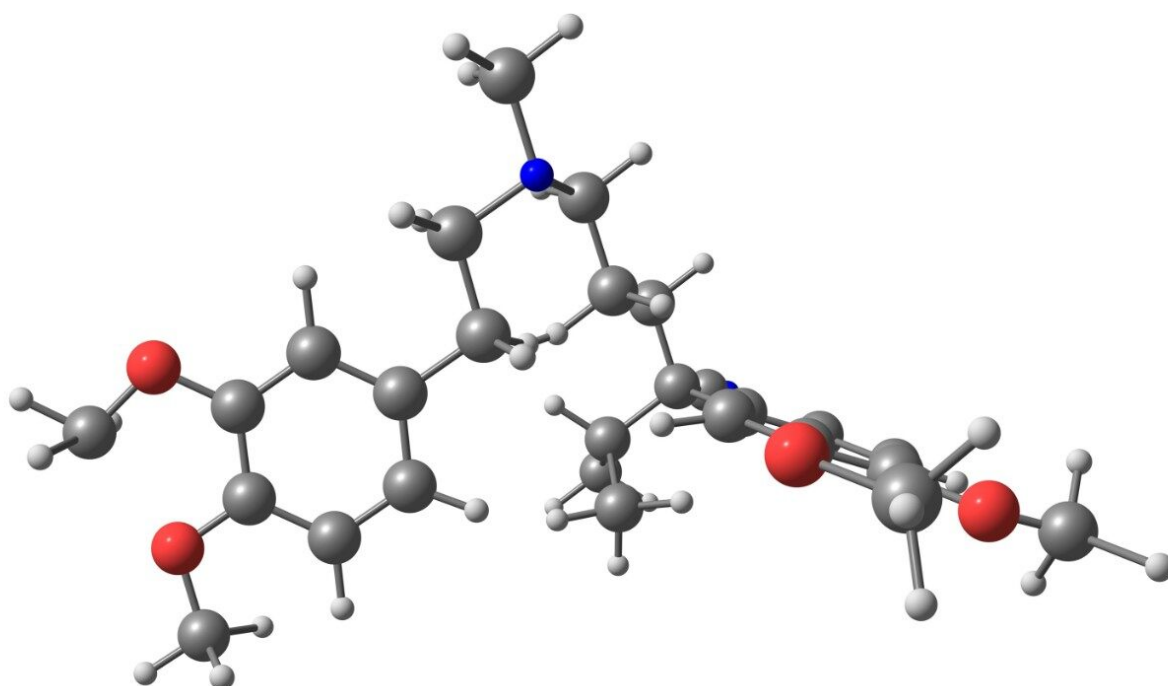


Methoxyverapamil - pH 7.0, LC-MS

Waters Corporation



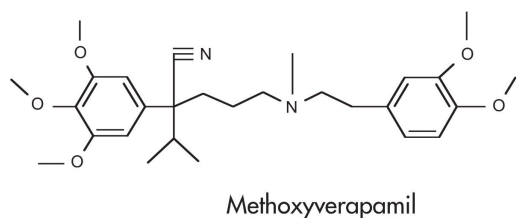
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the analysis of methoxyverapamil using XTerra MS C₁₈ columns.

Introduction

Methoxyverapamil has been analyzed using LC-MS in this study.



Experimental

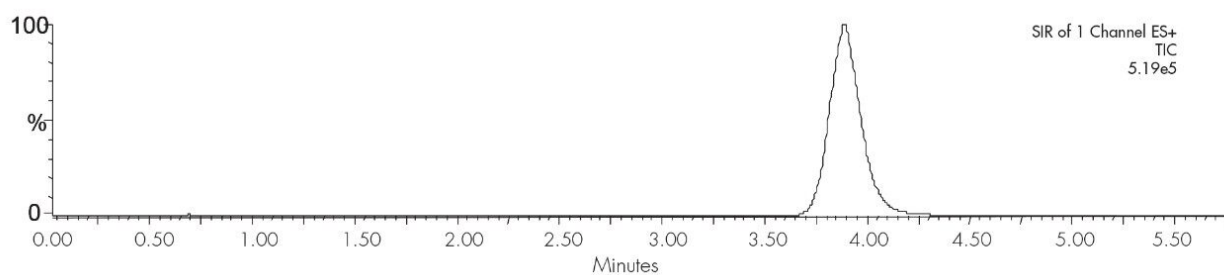
HLC Conditions

Column:	XTerra MS C ₁₈ 2.1 x 30 mm, 3.5 µm (p/n: 186000398)
Mobile phase A:	20mM NH ₄ HCO ₃ in H ₂ O, pH 7.0
Mobile phase B:	ACN
Isocratic mobile phase composition:	57%A; 43%B
Flow rate:	0.2 mL/min to MS
Injection volume:	20 µL of 100 pg/µL
Temperature:	Ambient
Detection:	MS ESI+, SIR 485.4
Instrument:	Alliance 2795 HT, Micromass ZQ

MS Conditions

MS sytem:	Micromass ZQ
Ion source:	ESI+
Capillary:	3.0 kV
Cone:	45 V
Extractor:	3.0
Source temp.:	150 °C
Desolvation temp.:	350 °C
Cone gas flow:	60 L/hr
Desolvation gas flow:	500 L/hr
LM Resolution:	15
HM Resolution:	15
Ion energy:	1
Multiplier (V):	650

Results and Discussion



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WA20738.068, June 2002