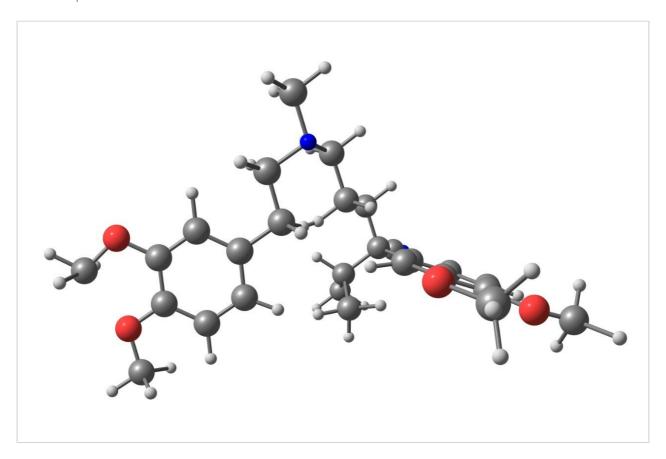
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Nota de aplicación

Verapamil - pH 9.5, 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 verapamil by LC-MS using XTerra MS C_{18} columns.

Introduction

Verapamil has been analyzed in this application brief.

Experimental

HPLC Method

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Mobile phase A: 0.1% NH₄OH in H₂O, pH 9.5

Mobile phase B: 0.1% NH₄OH in ACN, pH 9.5

Flow rate: 0.2 mL/min to MS

Isocratic mobile phase composition: 55% A; 45% B

Injection volume: 20 μ L of 100 pg/ μ L

Temperature: Ambient

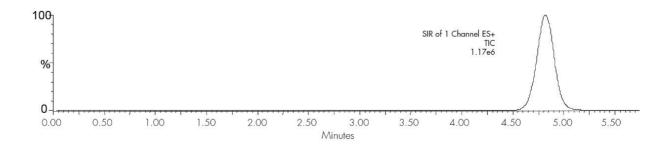
Detection: MS ESI+, SIR 455.45

Instrument: Alliance 2795 HT, Micromass ZQ

MS Conditions

MS system:	Micromass ZQ
Source:	ESI+
Capillary (KV):	3.0
Cone (V):	35
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
Ion energy:	1.0
Multiplier (V):	650

Results and Discussion



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WA20738.117, June 2002

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