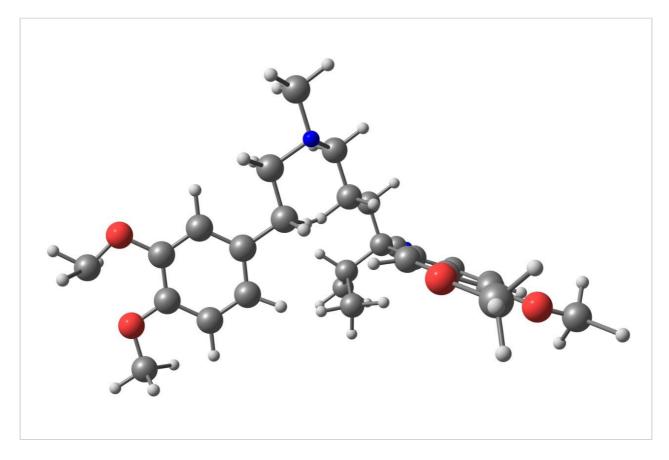


Note d'application

Verapamil in Plasma - LC/UV

Waters Corporation



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

Abstract

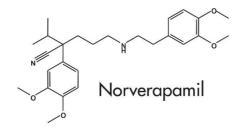
This application brief highlights the analysis of verapamil in plasma using XTerra Phenyl columns

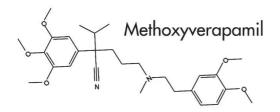
Introduction

Compounds used in this application brief are:

- 1. Verapamil
- 2. Methoxyverapamil (ISTD)
- 3. Norverapamil

N Verapamil



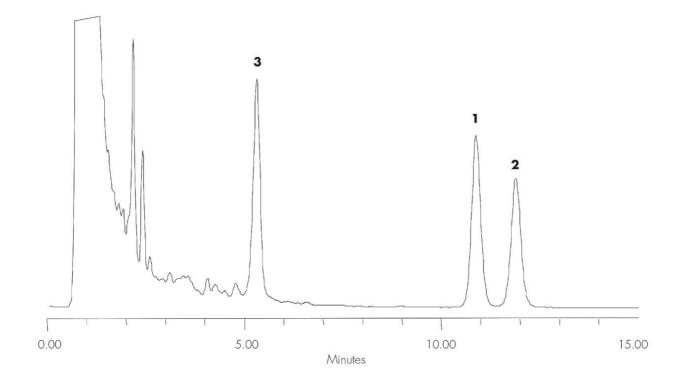


Experimental

HPLC Method

Column:	XTerra Phenyl, 4.6 x 100 mm, 3.5 μm (p/n: 186001139)
Mobile phase A:	H ₂ O
Mobile phase B:	ACN
Mobile phase C:	100 mM NH_4HCO_3 in H_2O , pH 9.0
Flow rate:	1.4 mL/min
Isocratic mobile phase composition:	53% A; 37% B; 10% C
Injection volume:	20 µL
Temperature:	30 °C
Detection:	UV @ 230 nm
Instrument:	Alliance 2695, 2996 PDA

Results and Discussion



Featured Products

Alliance HPLC <https://www.waters.com/514248>

WA20738.114, June 2002

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