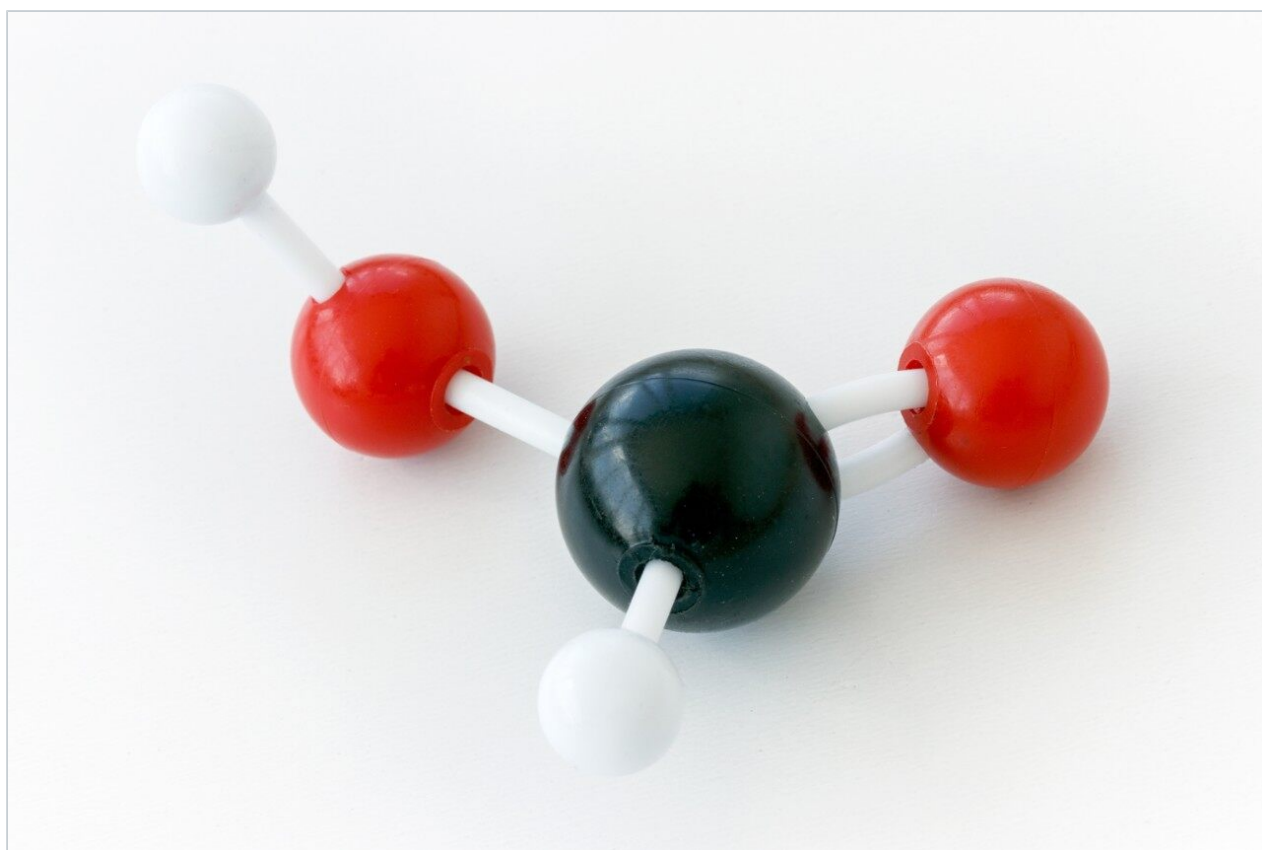


Application Note

Calcium Channel Blockers in Formic Acid: 12000 µg Total Load

Waters Corporation



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

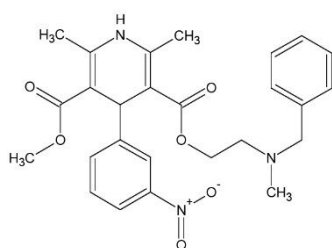
Abstract

This application brief highlights the calcium blockers in formic acid.

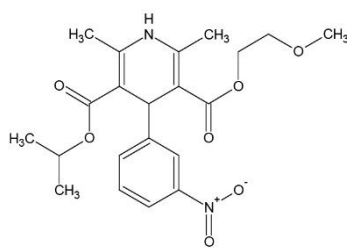
Introduction

Compounds used in study:

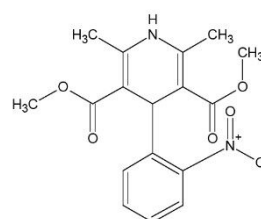
1. Nicardipine
2. Nifedipine
3. Nimodipine



Nicardipine



Nimodipine



Nifedipine

Experimental

Conditions

Column:	SunFire C ₁₈ 4.6 x 150 mm, 5 µm
Part number:	186002559
Mobile phase A:	0.1% HCOOH in Water
Mobile phase B:	0.1% HCOOH in ACN

Flow rate:

1.4 mL/min

Injection volume:

40 µL

Sample concentration:

100 mg/mL each, in DMSO

Temperature:

Ambient

Detection:

UV @ 254 nm

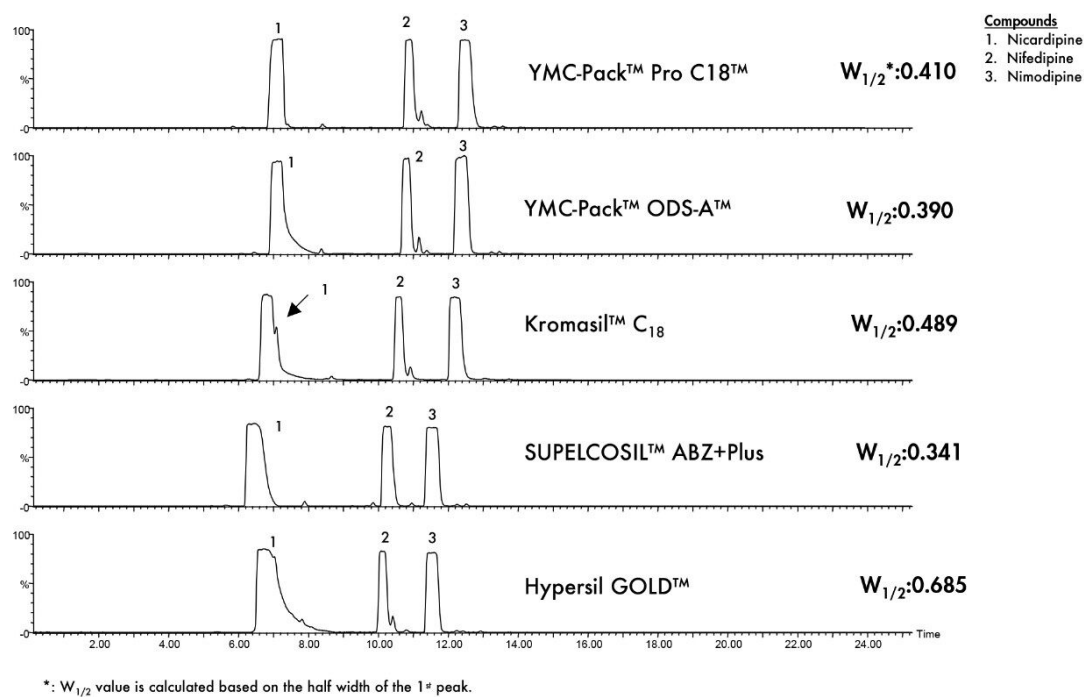
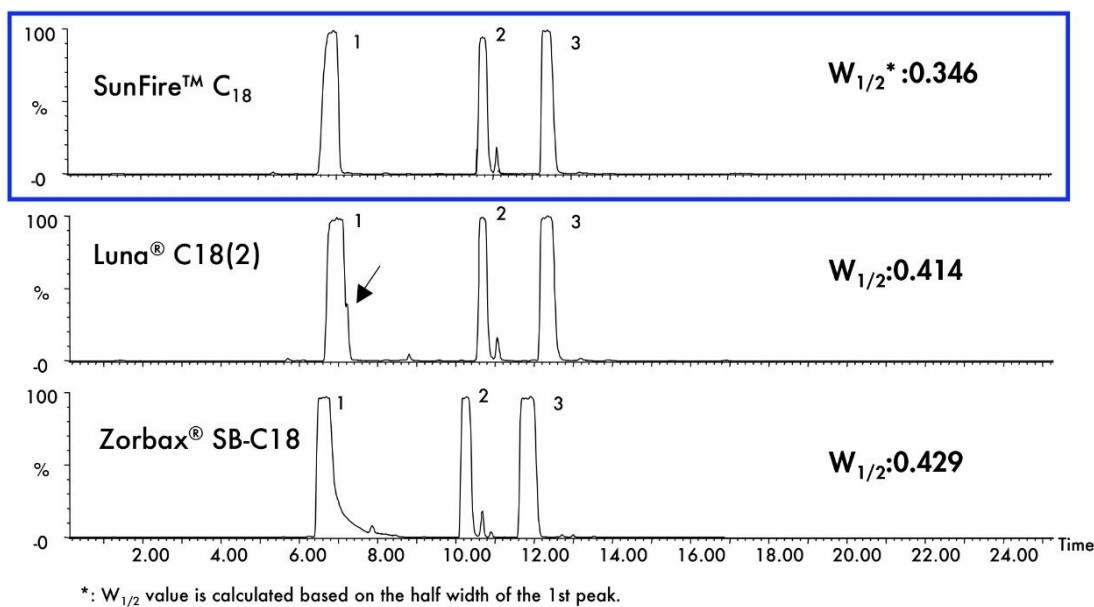
Instrument:

AutoPurification System

Gradient

Time (min)	Profile	
	%A	%B
0.0	85	15
10.0	50	50

Results and Discussion



Featured Products

AutoPurification System <<https://www.waters.com/10007147>>

WA41887, May 2005

© 2021 Waters Corporation. All Rights Reserved.