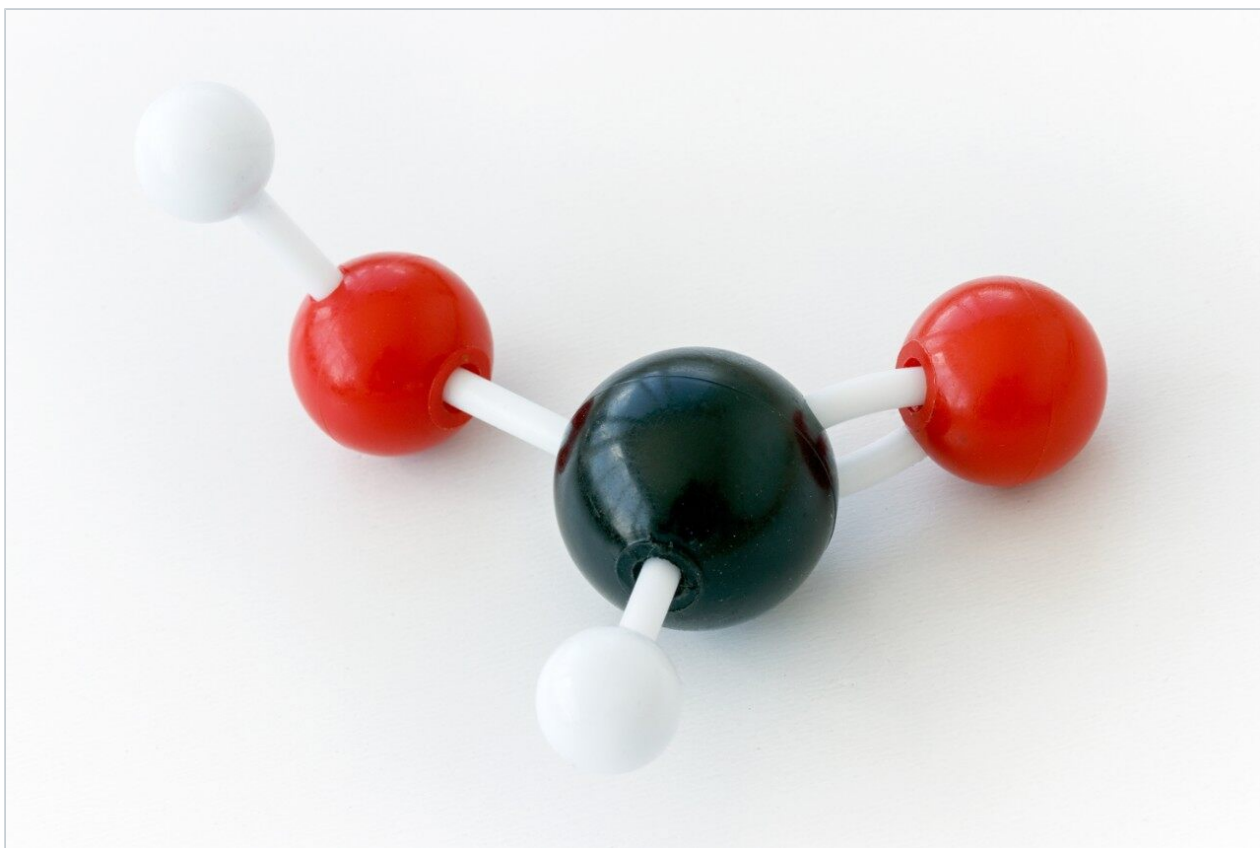


## Calcium Channel Blockers in Formic Acid: 12000 µg Total Load

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Waters Corporation



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

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### Abstract

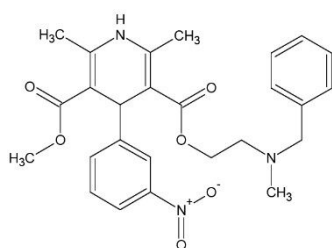
This application brief highlights the calcium blockers in formic acid.

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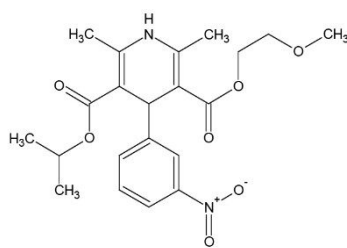
## Introduction

Compounds used in study:

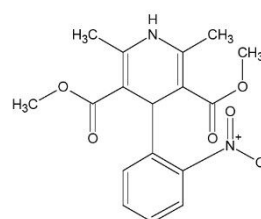
1. Nicardipine
2. Nifedipine
3. Nimodipine



**Nicardipine**



**Nimodipine**



**Nifedipine**

---

## Experimental

### Conditions

Column:	SunFire C <sub>18</sub> 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:

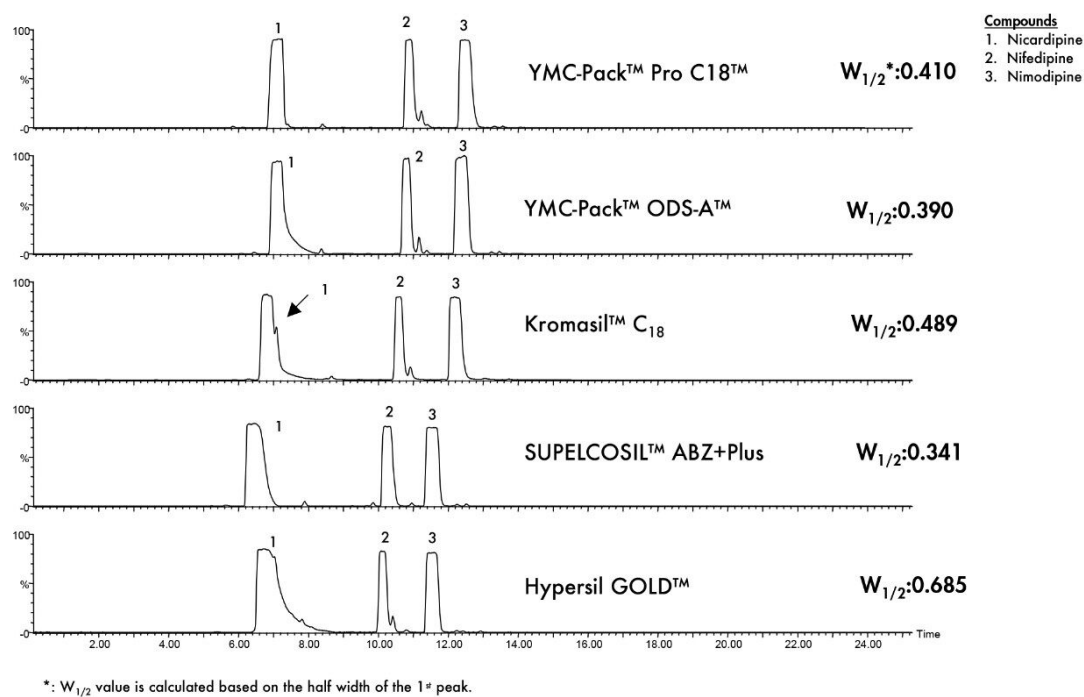
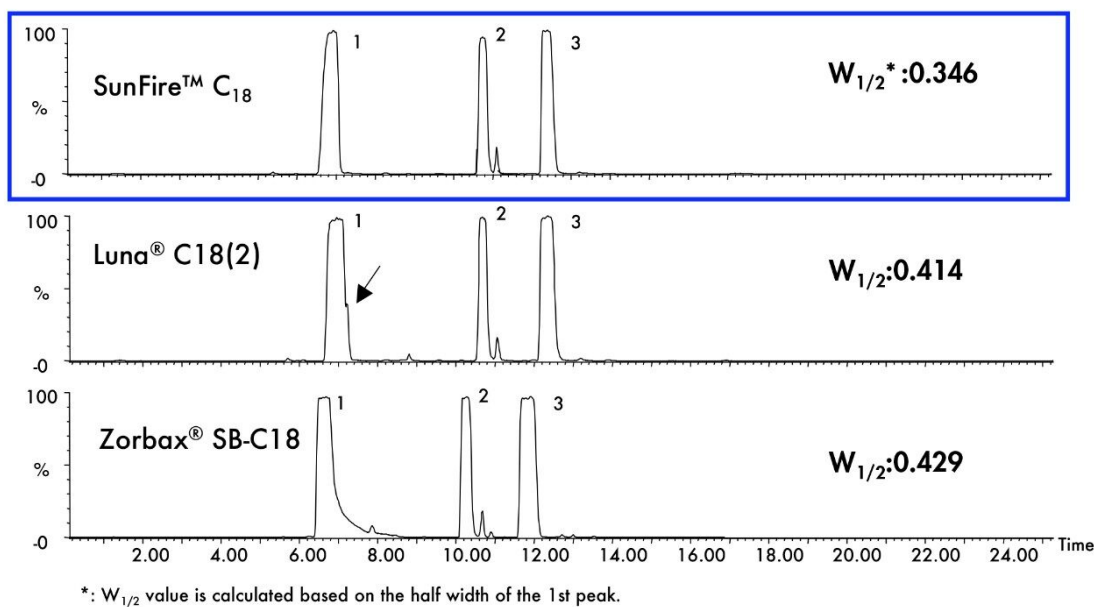
AutoPurification System

Gradient

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

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Results and Discussion



## Featured Products

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

WA41887, May 2005

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