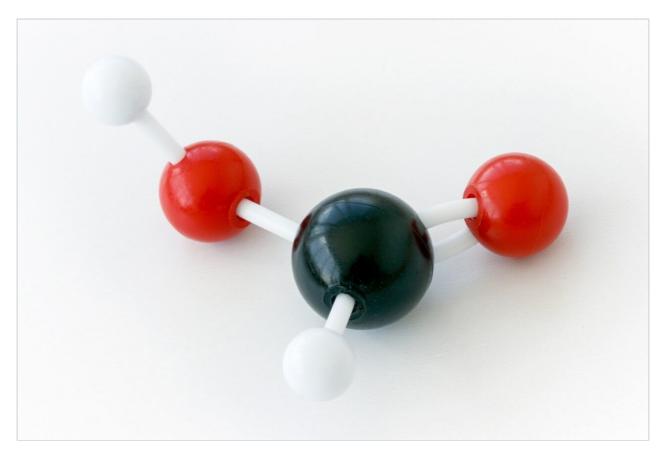
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Application Note

Calcium Channel Blockers in Formic Acid: 12000 µg Total Load

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

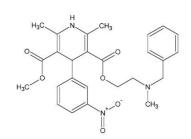
Abstract

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 μ L

Sample concentration: 100 mg/mL each, in DMSO

Temperature: Ambient

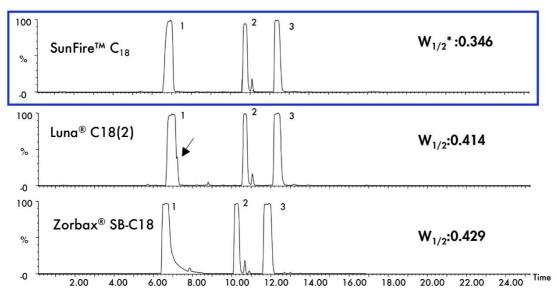
Detection: UV @ 254 nm

Instrument: AutoPurification System

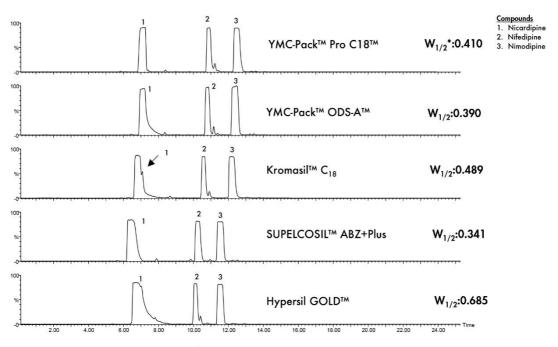
Gradient

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

Results and Discussion







*: $W_{1/2}$ value is calculated based on the half width of the 1^{\pm} peak.

AutoPurification System https://www.waters.com/10007147
WA41887, May 2005

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