

Analysis of Nimodipine Using XBridge Shield RP₁₈

Waters Corporation



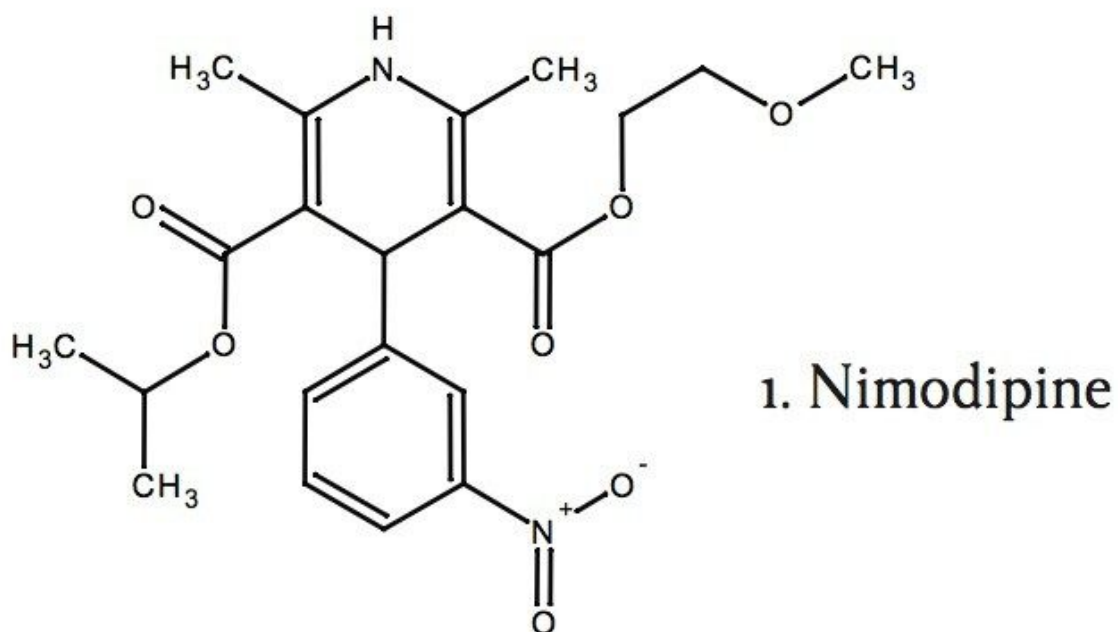
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the analysis of nimodipine using XBridge Shield RP₁₈ columns.

Introduction

Compound



Experimental

Test Conditions

Columns:

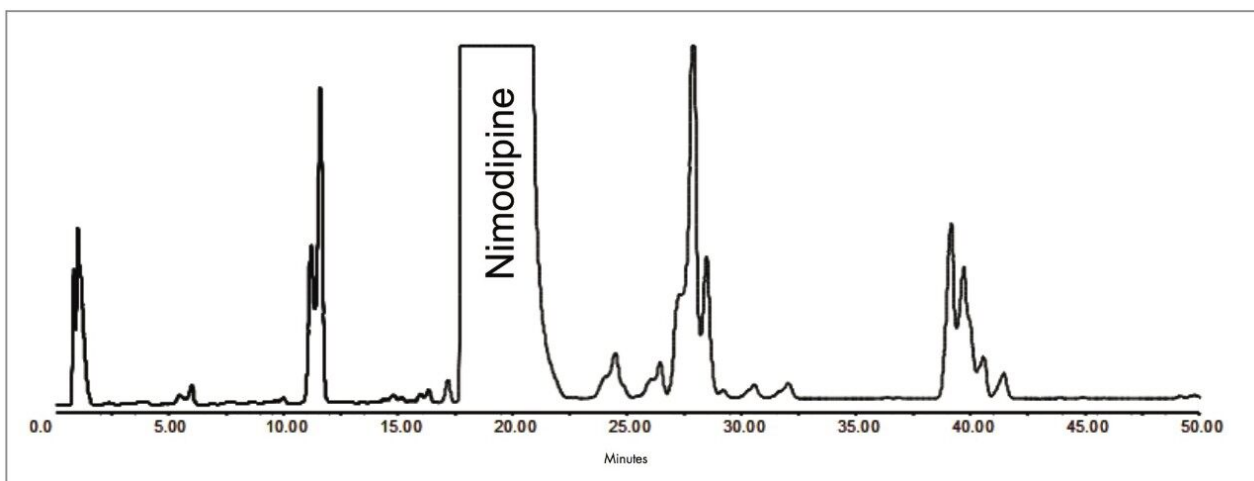
XBridge Shield RP₁₈ 4.6 x 100 mm, 3.5 µm p/n:
1860003044

Mobile phase A:	200 mM Ammonium formate pH 3
Mobile phase B:	acetonitrile
Mobile phase C:	H ₂ O
Flow rate:	1.4 mL/min
Injection:	100 µL @ 30 mg/mL in DMSO
Temperature:	30 °C
Detection:	UV @ 254 nm
Instrument:	Alliance 2695 with 2996 PDA

Gradient

Time (min)	%A	%B	%C
0	10	30	60
50	10	60	30

Results and Discussion



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WA60171, April 2007