



Antibacterial Drugs in TFA: 900 µg Load

Waters Corporation



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

Abstract

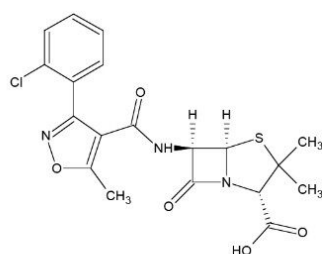
This application brief highlights the SunFire mass loading 1 2 3 comparison of antibacterial drugs in TFA with other leading HPLC column brands.

Introduction

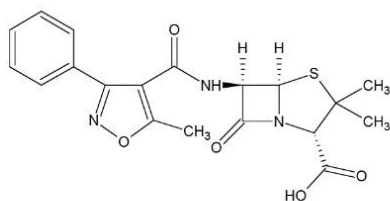
SunFire mass loading 1 2 3 comparison of antibacterial drugs in TFA with other leading HPLC column brands.

Compounds used for this study:

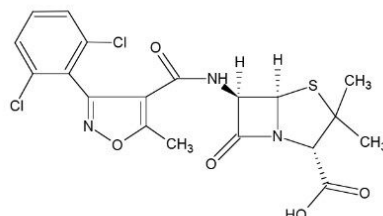
1. Oxacillin
2. Cloxacillin
3. Dicloxacillin



Cloxacillin



Oxacillin



Dicloxacillin

Experimental

Conditions

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

Flow rate:

1.4 mL/min

Injection volume:

10 µL

Sample concentration:

30 mg/mL each, in DMSO

Temperature:

Ambient

Detection:

UV @ 254 nm

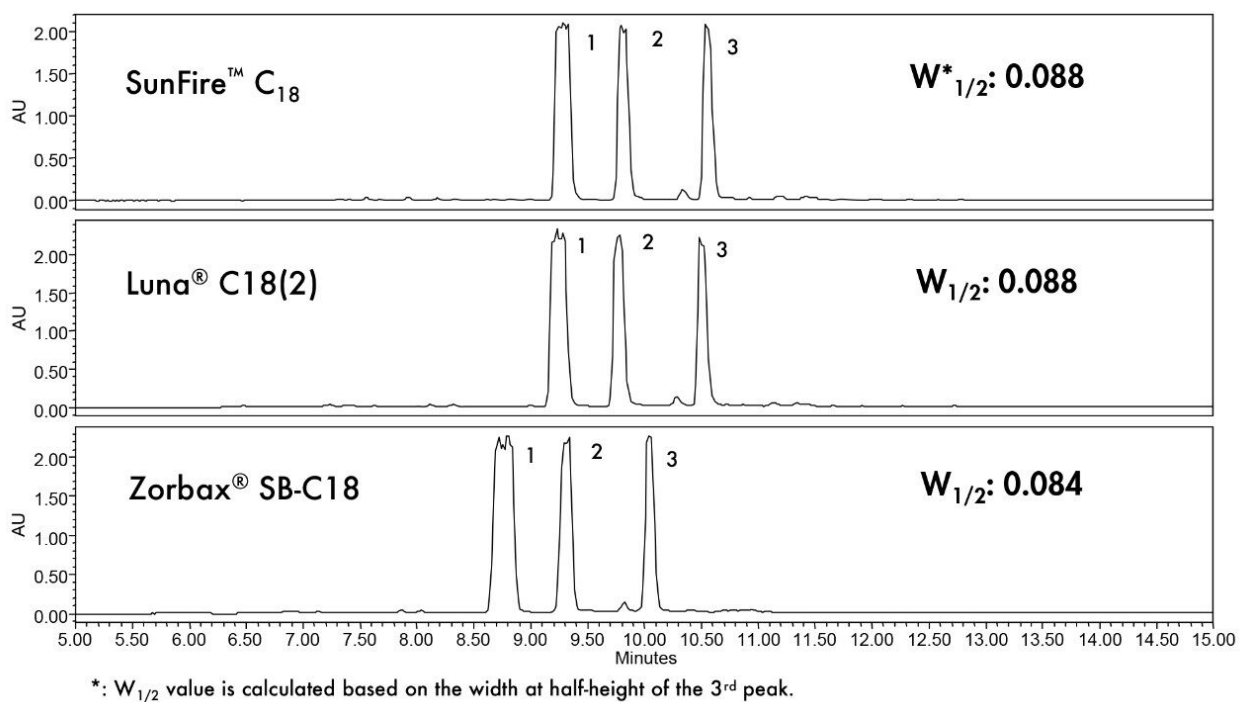
Instrument:

AutoPurification System

Gradient

Time (min)	Profile	
	%A	%B
0.0	70	30
10.0	10	90

Results and Discussion



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

WA41883, May 2005