

Tricyclic Antidepressants in Formic Acid: 420 μg Total Load

Waters Corporation



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

Abstract

This application brief demonstrates analysis tricyclic antidepressants in formic acid.

Introduction

The compounds used in this study are -

1. Doxepin
2. Desipramine
3. Trimipramine

Experimental

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:	10 µL
Sample concentration:	14 mg/mL each, in DMSO
Temperature:	Ambient
Detection:	UV @ 254 nm
Instrument:	AutoPurification System

Results and Discussion

Featured Products

- [AutoPurification System <https://www.waters.com/10007147>](https://www.waters.com/10007147)

WA41903, May 2005



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