Waters™

アプリケーションノート

Gradient Separation of Bamethan and Albuterol on ACQUITY UPLC BEH HILIC

Waters Corporation

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

Abstract

This application brief demonstrates the gradient separation of bamethan and albuterol on ACQUITY UPLC

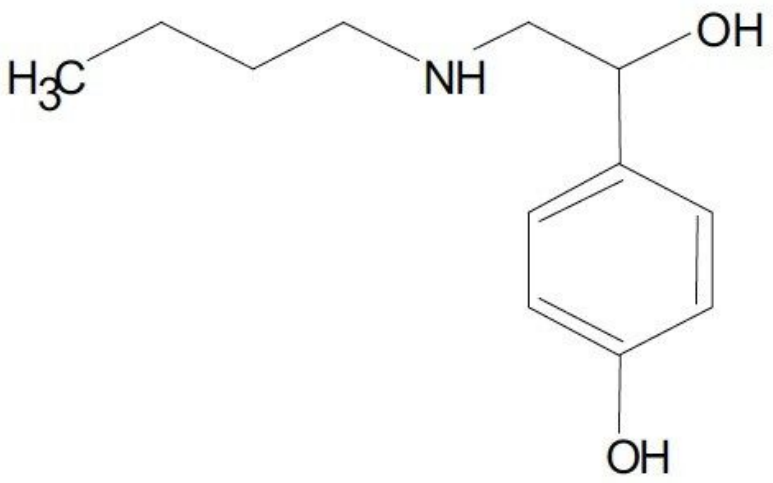
BEH HILIC Columns.

Introduction

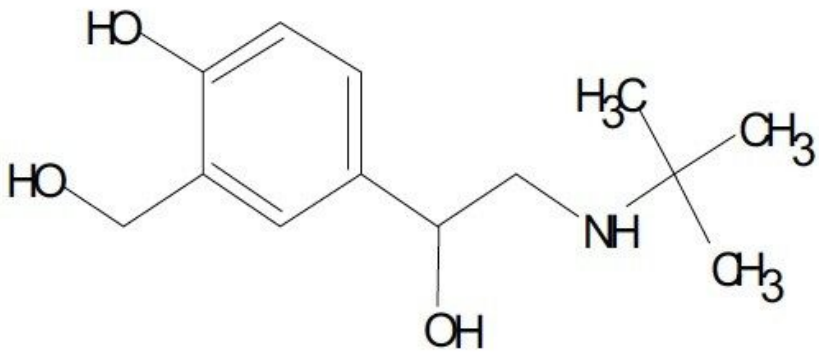
The compounds used in this study are:

1. Bamethan
2. Albuterol

Bamethan



Albuterol

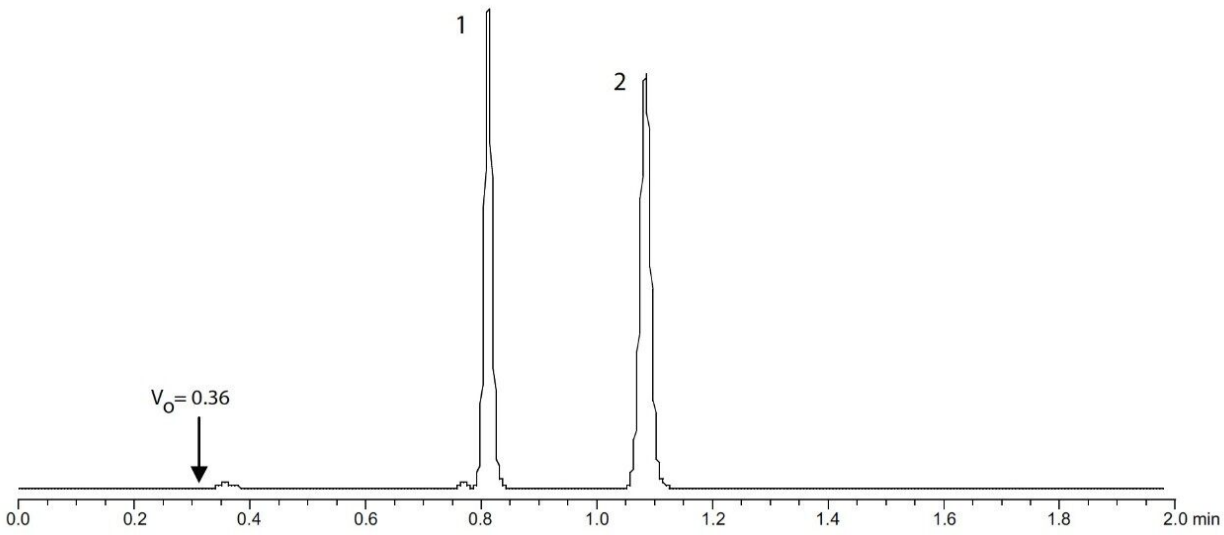


Experimental

Test Conditions

Column:	ACQUITY UPLC BEH HILIC, 2.1 x 100 mm, 1.7 µm
Part Number:	186003461
Mobile Phase A:	10 mM NH_4COOH, 0.2% HCOOH in 90:10 ACN:H_2O
Flow Rate:	0.708 mL/min
Isocratic Mobile Phase Composition:	100% A
Injection Volume:	0.8 µL
Sample Concentration:	125 µg/mL
Sample Diluent:	75:25 ACN:MeOH with 0.2% HCOOH
Temperature:	30 °C
Detection:	UV @ 280 nm
Sampling Rate:	20 pts/sec
Time Constant:	0.1
Instrument:	Waters ACQUITY UPLC with ACQUITY TUV

Results and Discussion



Featured Products

ACQUITY UPLC System <https://www.waters.com/514207>

ACQUITY UPLC Tunable UV Detector <https://www.waters.com/514228>

WA60135, August 2009