

**Conditions**

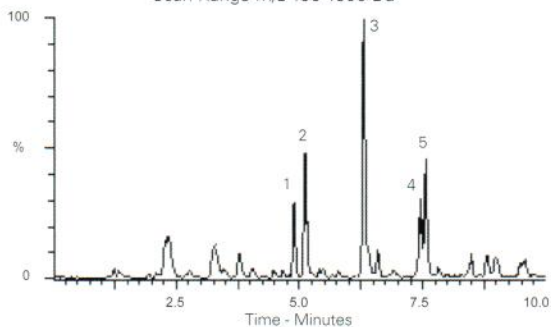
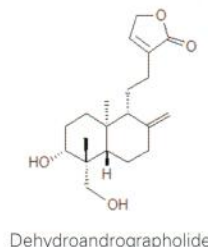
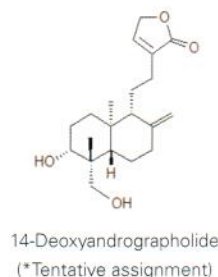
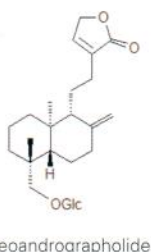
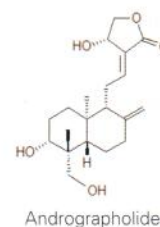
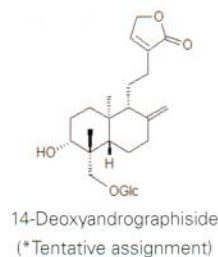
**Column:** ACE Excel 3 SuperC18  
**Dimensions:** 100 x 2.1 mm  
**Part Number:** EXL-1111-1002U  
**Mobile Phase:** A: 0.1% formic acid in H<sub>2</sub>O  
 B: 0.1% formic acid in MeCN  
**Gradient:**

Time (mins)	%B
0.0	30
2.0	40
8.0	75
9.0	100
9.5	30
15.5	30

**Flow Rate:** 0.2 mL/min  
**Injection:** 2 µL  
**Temperature:** 35 °C  
**Detection:** Waters Premier Q-TOF-MS  
 ESI in positive ion mode  
 Scan Range *m/z* 100-1000 Da

**Analytes**

- 14-Deoxyandrographiside
- Andrographolide
- Neoandrographolide
- 14-Deoxyandrographolide
- Dehydroandrographolide



*Andrographis Paniculata* - used in Chinese medicine.



Song Y-X, Liu S-P, Jin Z, Qin J-F, Jiang Z-Y (2013) Qualitative and quantitative analysis of *Andrographis Paniculata* by rapid resolution liquid chromatography/time-of-flight mass spectrometry. *Molecules* 189, 12192-12207 doi:10.3390/molecules181012192

**Angiotensin II Receptor Antagonists by LC-UV**

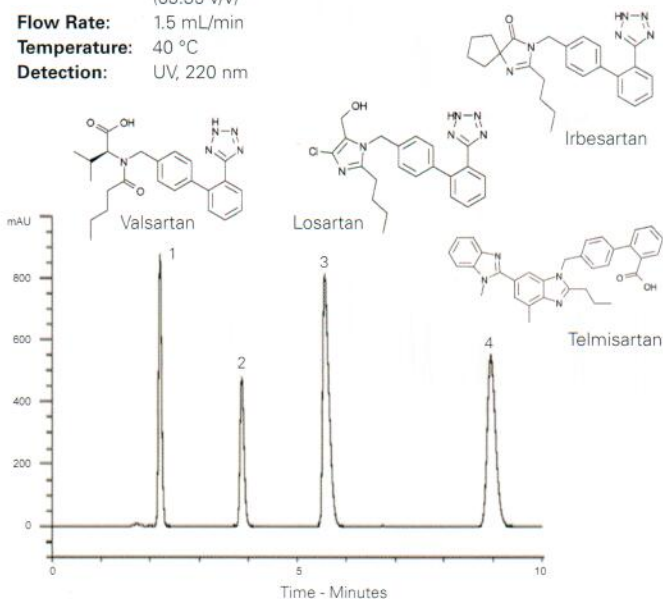
Application #AN3460

**Conditions**

**Column:** ACE 5 C18  
**Dimensions:** 250 x 4.6 mm  
**Part Number:** ACE-121-2546  
**Mobile Phase:** 0.025 M KH<sub>2</sub>PO<sub>4</sub> pH 6.0/MeCN (65:35 v/v)  
**Flow Rate:** 1.5 mL/min  
**Temperature:** 40 °C  
**Detection:** UV, 220 nm

**Analytes**

1. Valsartan
2. Losartan
3. Irbesartan
4. Telmisartan



Available from



**LCC Engineering & Trading GmbH**  
 Steinbruchstrasse 4, CH-4622 Egerkingen, Switzerland  
 Tel.: +41 62 398 5271, Fax.: +41 62 398 5274  
[info@chemsupply.ch](mailto:info@chemsupply.ch)  
[www.chromatographyshop.com](http://www.chromatographyshop.com)

Elshanawane AA, Abdelaziz LM, Hafez HM (2012) Stability Indicating HPLC Method for Simultaneous Determination of Several Angiotensin-II Receptor Antagonists in Their Dosage Forms. *Pharmaceut Anal Acta* 3:175. doi:10.4172/2153-2435.1000175