

Andrographis Paniculata Fingerprint Profile by RRLC-TOF-MS

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Ultra-inert
UHPLC & HPLC Columns

Application #AN3770

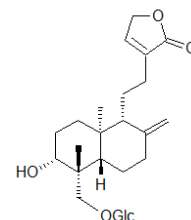
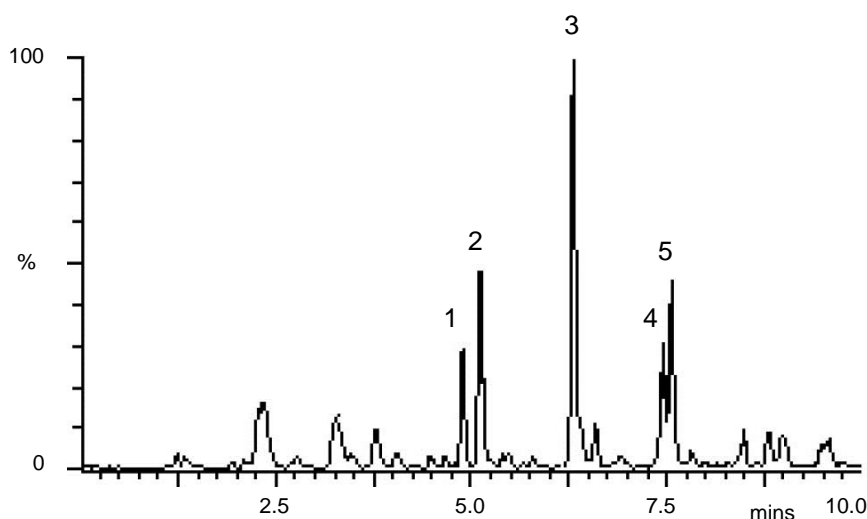
Conditions

Column: ACE Excel 3 SuperC18
Dimensions: 100 x 2.1 mm
Part Number: EXL-1111-1002U
Mobile Phase: A: 0.1% formic acid in H₂O
B: 0.1% formic acid in MeCN

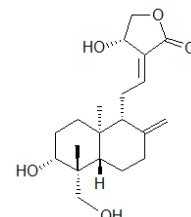
Time (mins)	%B
0.0	30
2.0	40
8.0	75
9.0	100
9.5	30
15.5	30

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

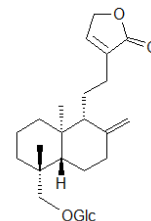
Andrographis paniculata is used in Chinese medicine



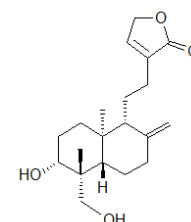
1. 14-Deoxyandrographiside
(*Tentative assignment)



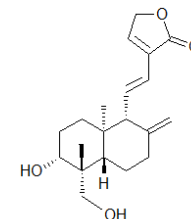
2. Andrographolide



3. Neoandrographolide



4. 14-Deoxyandrographolide
(*Tentative assignment)



5. Dehydroandrographolide

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
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