

Gliotoxin from *Aspergillus Fumigatus* Liquid Culture

Application #AN3780

Conditions

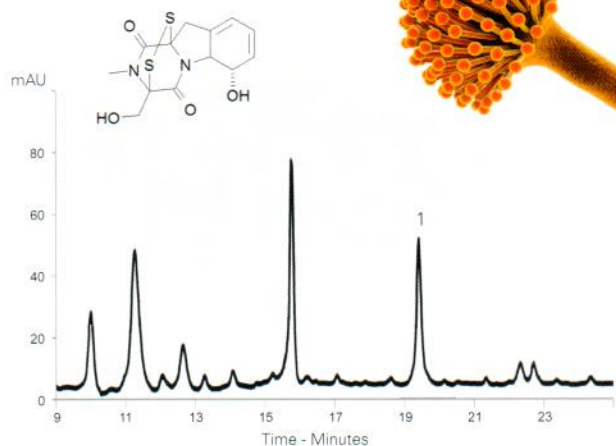
Column: ACE 5 C18
Dimensions: 250 x 4.6 mm
Part Number: ACE-121-2546
Mobile Phase: A: 0.05% TFA in H₂O/MeCN (90:10 v/v)
 B: 0.05% TFA in H₂O/MeCN (40:60 v/v)
Gradient:

Time (mins)	%B
0	10
21	100

Flow Rate: 1 mL/min
Detection: UV, 254 nm

Analyte

1. Gliotoxin



Svahn KS, Goransson U, Chryssanthou E, Olsen B, Sjolín J, Stromstedt A. Induction of Gliotoxin Secretion in *Aspergillus fumigatus* by Bacteria-Associated Molecules. PLoS ONE 9(4): e93685. doi:10.1371/journal.pone.0093685

Glyphosate and Related Compounds as FMOc Derivatives (Gradient)

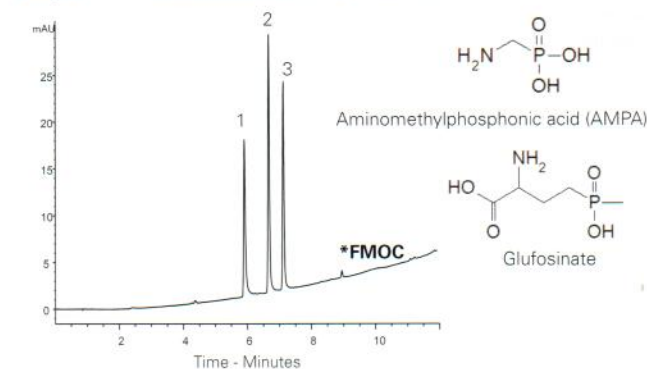
Application #AN3850

Conditions

Column: ACE Excel 3 SuperC18
Dimensions: 150 x 2.1 mm
Part Number: EXL-1111-1502U
Mobile Phase: A: H₂O
 B: MeOH
 C: 200 mM ammonium formate pH 3.0
Gradient:

Time (mins)	%A	%B	%C
0	62.5	35.0	2.5
10	2.5	95.0	2.5
11	2.5	95.0	2.5
12	62.5	35.0	2.5
22	62.5	35.0	2.5

Flow Rate: 0.4 mL/min
Injection: 0.1 µL
Temperature: 60 °C
Detection: UV, 254 nm
Sample: Standards derivatised with FMOc-Cl



Glyphosate and Related Compounds as FMOc Derivatives (Isocratic)

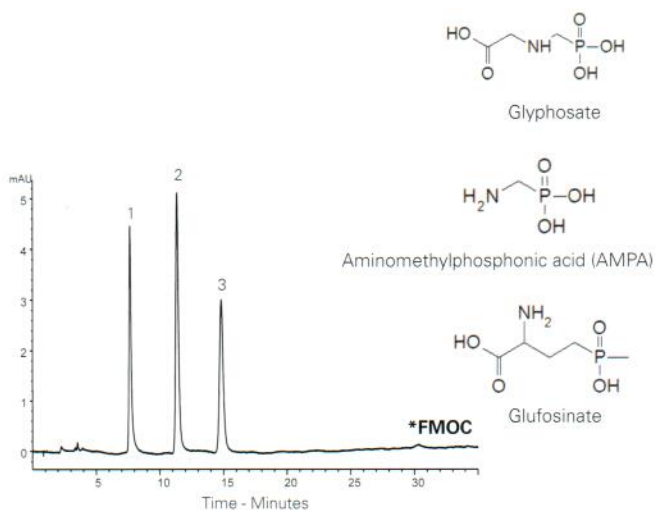
Application #AN3860

Conditions

Column: ACE Excel 3 SuperC18
Dimensions: 150 x 2.1 mm
Part Number: EXL-1111-1502U
Mobile Phase: 5 mM ammonium formate pH 3.0 in H₂O/MeOH (55:45 v/v)
Flow Rate: 0.4 mL/min
Injection: 0.1 µL
Temperature: 25 °C
Detection: UV, 254 nm
Sample: Standards derivatised with FMOc-Cl

Analytes

1. Glyphosate
 2. Aminomethylphosphonic acid (AMPA)
 3. Glufosinate



Green Tea Extract

Application #AN4280

Conditions

Column: ACE Excel 1.7 SuperC18
Dimensions: 100 x 3.0 mm
Part Number: EXL-1711-1003U
Mobile Phase: A: 0.1% formic acid in H₂O
 B: 0.1% formic acid in MeCN
Gradient:

Time (mins)	%B
0	5
15	20
17	95
18	95
20	5
27	5

Flow Rate: 0.8 mL/min
Injection: 2 µL
Temperature: 80 °C
Detection: UV, 260 nm
Sample: Tablet ground to fine powder and extracted with MeCN/H₂O (1:1 v/v) with ultrasonication. Supernatant diluted with H₂O and filtered using Whatman Mini-Uniprep syringeless filter Chromaster Ultra Rs

System:

