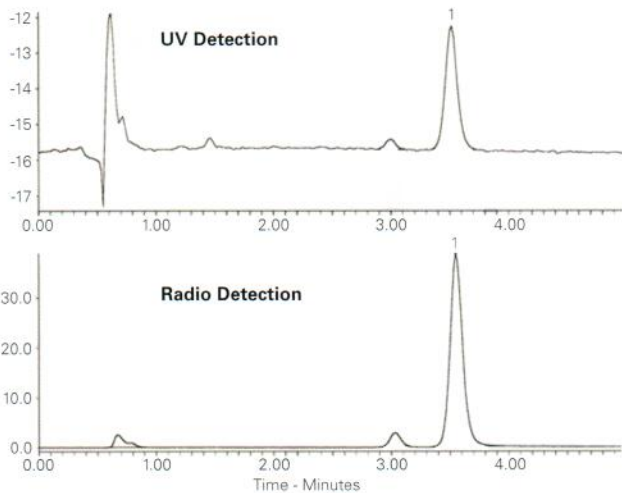
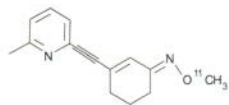


Conditions

Column: ACE 3 C18
Dimensions: 50 x 4.6 mm
Part Number: ACE-111-0546
Mobile Phase: 0.1% TFA in H₂O/MeCN (55:45 v/v)
Flow Rate: 1 mL/min
Injection: 20 µL
Detection: UV, 254 nm
 Radio detection

Analyte

1. ¹¹C-ABP688



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Available from

additional column dimensions



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Microbial Extract by LC-MS

Application #AN1180

Conditions

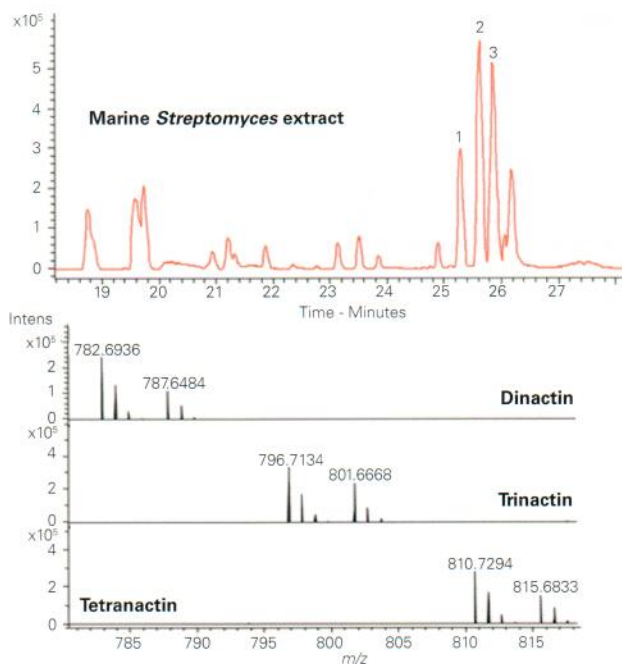
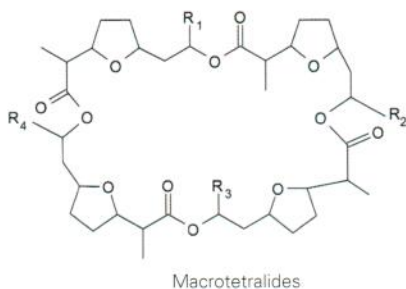
Column: ACE UltraCore 2.5 SuperC18
Dimensions: 150 x 2.1 mm
Part Number: CORE-25A-1502U
Mobile Phase: A: 0.1% formic acid in H₂O
 B: 0.1% formic acid in MeCN
Gradient:

Time (mins)	%B
0.0	5
5.0	5
20.0	100
25.0	100

Analytes

Macrotetralides
 1. Dinactin R₁ = R₃ = CH₂CH₃, R₂ = R₄ = CH₃
 2. Trinactin R₁ = R₂ = R₃ = CH₂CH₃, R₄ = CH₃
 3. Tetranactin R₁ = R₂ = R₃ = R₄ = CH₂CH₃

Flow Rate: 0.2 mL/min
Detection: Dionex 3000RS UHPLC system coupled with Bruker MaXis Q-TOF MS
 Electrospray MS positive mode
 Source end plate offset -500 V
 Nebuliser gas (N₂) 1.6 bar
 Drying gas (N₂) temp 180 °C
 Collision energy 5.0 eV
 Collision RF 600 Vpp



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