

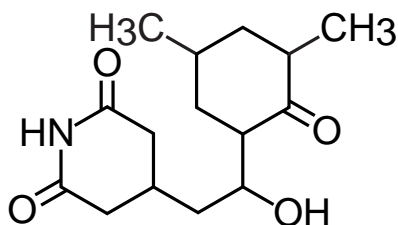
Cadenza CD-C18

100 x 3 mm

HPLC COLUMN APPLICATION

LC-MS: Cycloheximide (Glutarimide antibiotics)

シクロヘキシミド (グルタルイミド系抗生物質) の LC-MS 分析



cycloheximide

A: 10mM ammonium formate
 B: methanol
 25-90%B (0-15min)
 10 μ L (50ng/mL, 10mM HCOONH₄)

[M+NH₄]⁺ m/z 299.2

(x 10,000)

1.0

[M+CH₃COO]⁻ m/z 340.1

A: water / acetic acid = 100 / 0.1
 B: acetonitrile / water / acetic acid
 = 90 / 10 / 0.1
 0-100%B (0-15min)
 10 μ L (50ng/mL, 0.1% AcOH)

[M-H]⁻ m/z 280.1

0.5

0.0

0.0 2.5 5.0 7.5 10.0 12.5 15.0 min

Cadenza CD-C18, 100 x 3 mm

0.4mL/min (7-10MPa), 37°C, Single Quad. MS (ESI)