

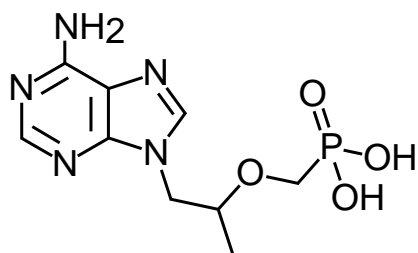
Intrada Organic Acid

150 x 2 mm

HPLC COLUMN APPLICATION

LC-MS: Tenofovir (Antiviral)

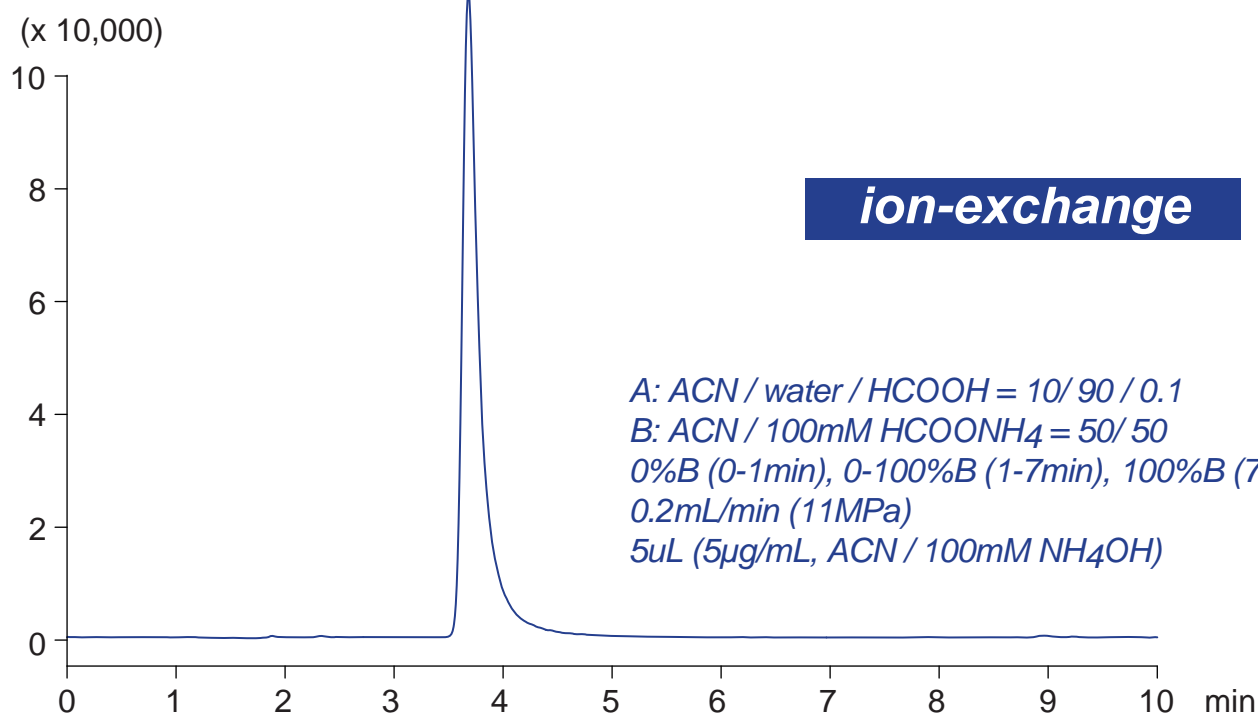
テノホビル (抗ウイルス薬) の LC-MS 分析



tenofovir
[M-H]⁻ m/z 286.0

normal-phase

A: ACN / 100mM AcONH₄ = 95 / 5
 B: ACN / 100mM AcONH₄ = 10 / 90
 10-100%B (0-4min), 100%B (4-10min)
 0.2mL/min (6MPa)
 5uL (5μg/mL, ACN / 200mM AcONH₄ = 50 / 50)



ion-exchange

A: ACN / water / HCOOH = 10 / 90 / 0.1
 B: ACN / 100mM HCOONH₄ = 50 / 50
 0%B (0-1min), 0-100%B (1-7min), 100%B (7-10min)
 0.2mL/min (11MPa)
 5uL (5μg/mL, ACN / 100mM NH₄OH)

Intrada Organic Acid, 150 x 2 mm
 37°C, Single Quad. MS (ESI)