

CoreFocus Report

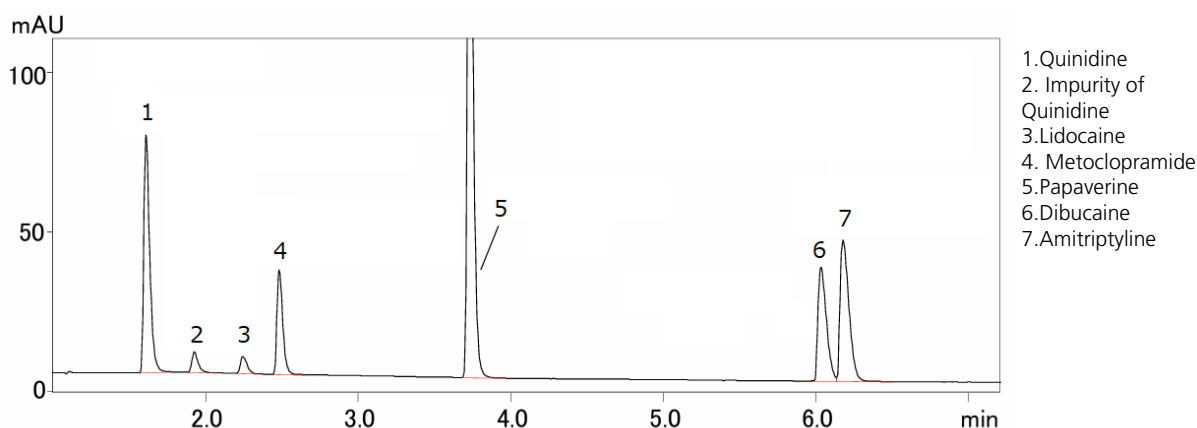
No.588

LC-MS Reversed-phase Shim-pack™ Series

Shim-pack Scepter™ C18-120

Analysis of Small Molecular Pharmaceuticals

Keywords: pharmaceuticals



[HPLC conditions] (Nexera™ X3) (Method Scouting System)

Column : Shim-pack Scepter C18-120,
100 mm x 3.0 mm I.D., 1.9 μm⁺
Mobile phase A : 0.15 % formic acid in water
Mobile phase B : Acetonitrile
Time program : B conc. 20 % (0 min) → 75 % (12 min) →
90 % (12.01 – 14 min) → 20 % (14.01 – 17
min)
Injection volume : 0.5 μL (80 mg/L)
Column temp. : 30 °C
Detection : PDA at 254 nm (UHPLC cell)

1*: P/N : 227-31013-03

[MS conditions] (LCMS-2050)

Ionization : ESI/APCI (DUIS™),
positive and negative mode
Mode : Scan (*m/z* 150 -400)
Nebulizing gas flow : 2.0 L/min
Drying gas flow : 5.0 L/min
Heating gas flow : 7.0 L/min
DL temperature : 200 °C
Desolvation temperature : 450 °C
Interface voltage : +3.0 kV/ -2.0 kV
Qarray voltage : +20 V

Source : Application News 01-00688 ([JP](#), [ENG](#))

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