

## CoreFocus

### Report

No.454

LC

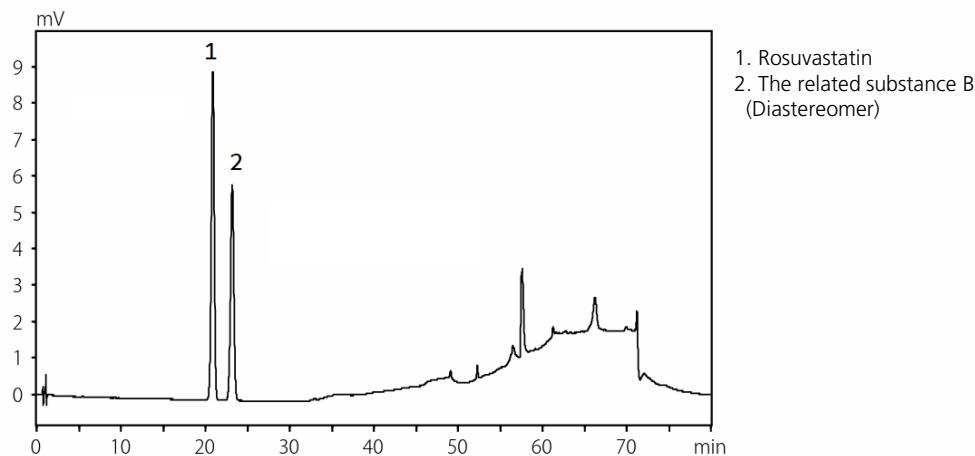
Reversed-phase

Shim-pack Series

### Shim-pack™ GIST-HP C18

### Analysis of Rosuvastatin

**Keywords:** Japanese Pharmacopoeia, HMG-CoA reductase inhibitors, Statins



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System	:	Nexera™ XR
Column	:	Shim-pack GIST-HP C18 (150 mm L x 3.0 mm I.D., 3 µm), P/N : 227-30040-05
Mobile phase	:	A) Water/acetonitrile/diluted trifluoroacetic acid (1 in 100) = 70:29:1 B) Water/acetonitrile/diluted trifluoroacetic acid (1 in 100) = 24:75:1
Time Program	:	B conc. 0 % (0 min -30 min) → 40 % (30 - 50 min) → 100 % (50 - 60 min) → 100 % (60 - 70 min)
Flow rate	:	0.75 mL/min
Column temp.	:	40 °C
Injection vol.	:	10 µL
Detection	:	UV at 242 nm (SPD-40V with a standard flow cell)
Vial	:	LabTotal™Vial for LC/LCMS, P/N : 227-34001-01

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Source : Application News an\_01-00333 ([JP](#))

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