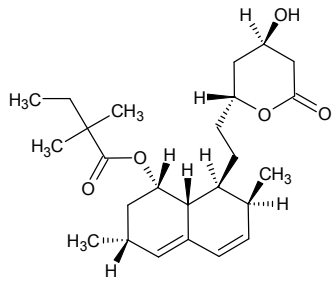
HPLC DATA SHEET

シンバスタチン（日本薬局方記載条件）
Simvastatin (The Japanese Pharmacopoeia)

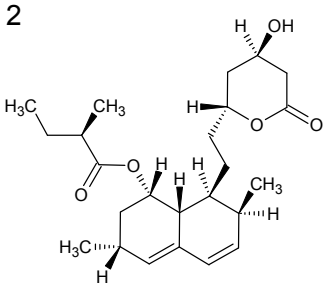
U120619B

1



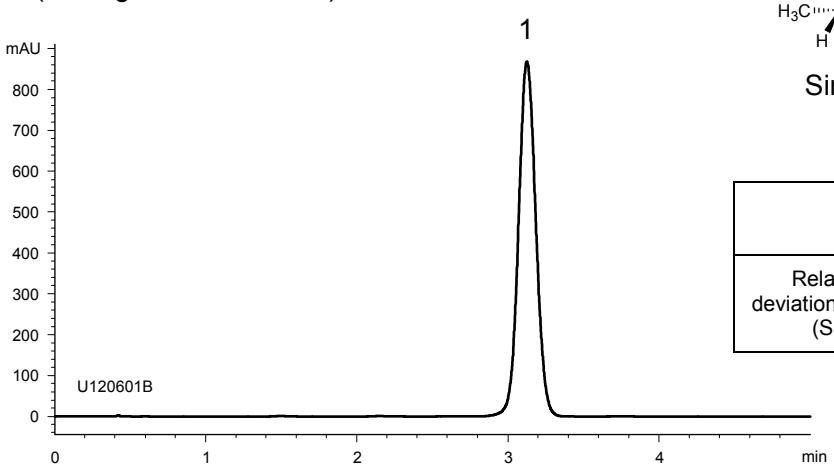
Simvastatin

2



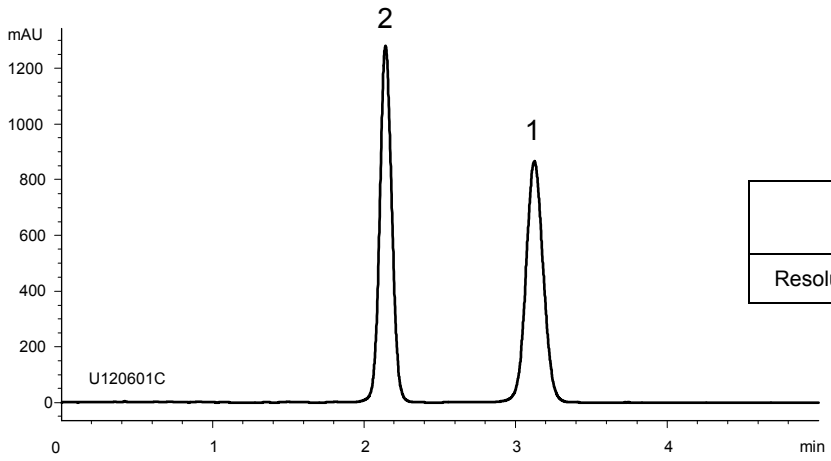
Lovastatin

A) Standard solution*
(1.5 mg/mL Simvastatin)



	System suitability requirement	Result
Relative standard deviation of the peak area (Simvastatin)	≦1.0%	0.44%

B) System suitability solution*
(1.5 mg/mL Lovastatin, 1.5 mg/mL Simvastatin)



	System suitability requirement	Result
Resolution (1, 2)	≧3	5.6

Column	: YMC-Triart C18 (3 μm, 12 nm)
	35 X 4.6 mmI.D.
Eluent	: acetonitrile/water/phosphoric acid (50/50/0.05)
Flow rate	: 3.0 mL/min *(adjust the flow rate so that the retention time of simvastatin is about 3 min)*
Temperature	: 25℃
Detection	: UV at 238 nm
Injection	: 5 μL

(The Japanese Pharmacopoeia 16th; Assay)

* All solutions were prepared from Simvastatin supplied as a reagent for laboratory use.