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 (24) 2004 01 27

(21)	10-2001-0007124	(65)	10-2002-0066777
(22)	2001 02 13	(43)	2002 08 21

(73) 37† 368

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578 115-908

650 410-703

(74)

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(54)

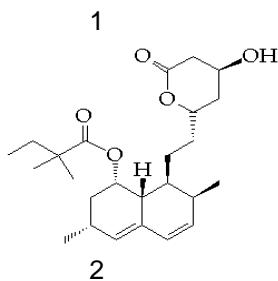
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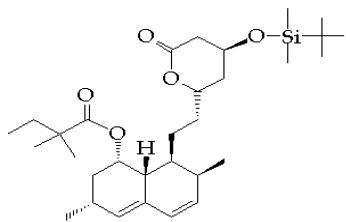
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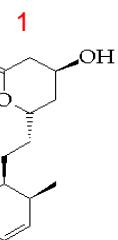
BDMS)

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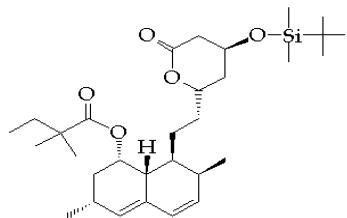
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(Simvastatin) HMG-Co A

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(Lovastatin)

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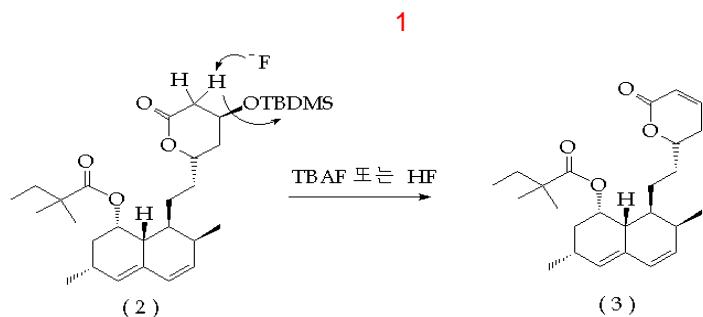
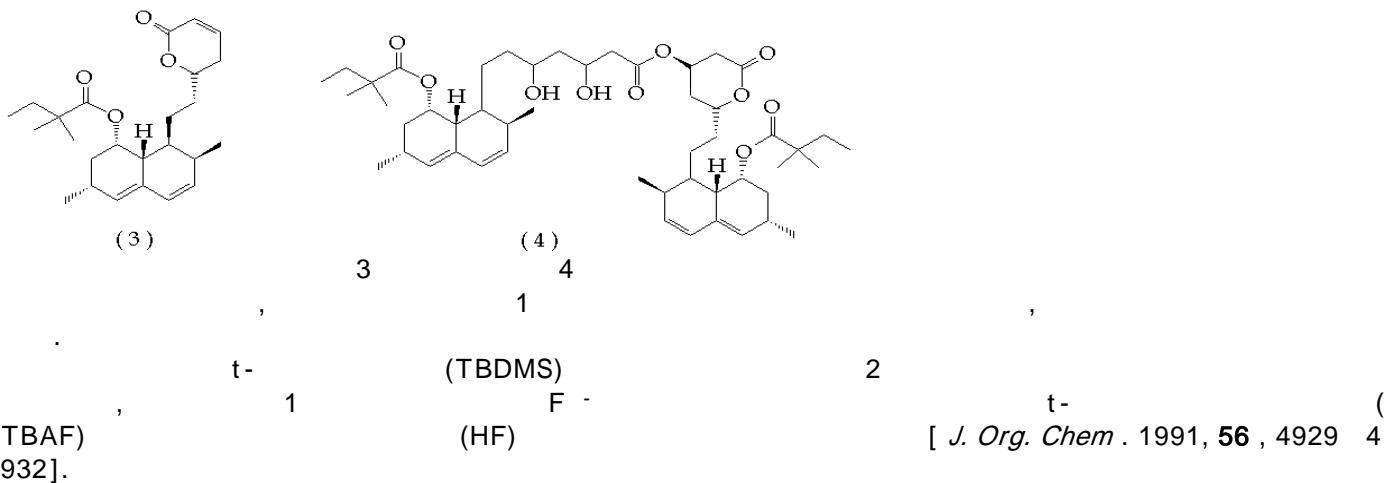
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(TBDMS) 가

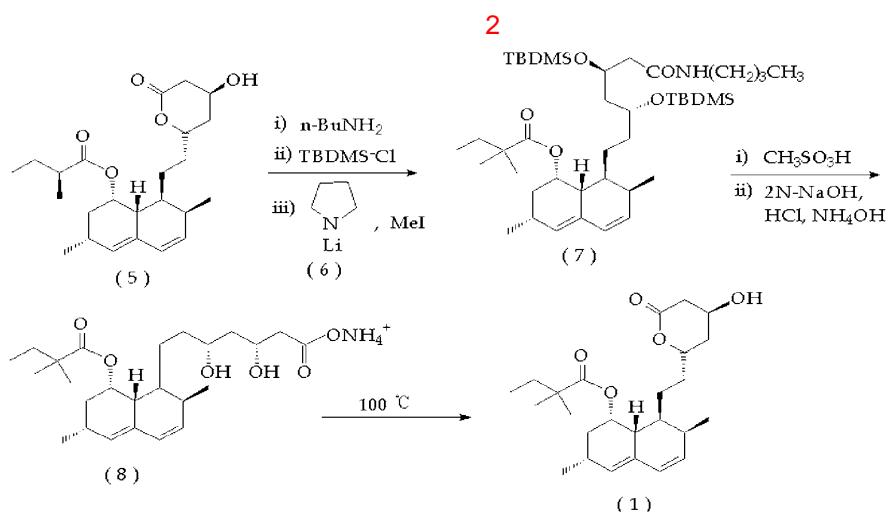
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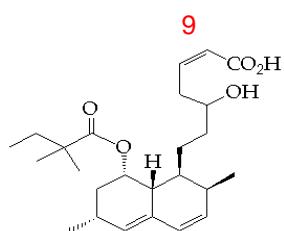
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가 3 , 7
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(TBDMS)Cl

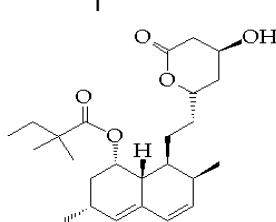
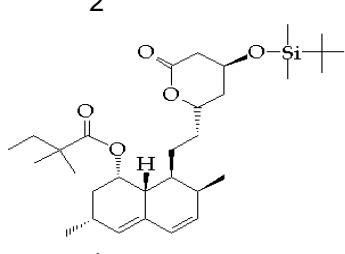
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3 4

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, 1,4-, 2, t-, 1,3-, 1.



(92%), (99.5% ; HPLC)

가 2 10 6 7 2 2 , TBDMS (, , , , ,) 가 -5

, p-
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, , (), , , , , ,
3 4 50
,

가 5 10 % (v/v) 가 6 7 , , 1,4- , 1,3-
-5 10
1,4- 95 : 5 (0 100 : 100 0) 가 1,4-
가 (99.5%) 40 60 (92%) , n- 가
3 4 3 4 2
3 4 1
4 (99.5%, HPLC) (92%) 3
,

2 2 TBDMS 2 (6.0 g) 2 (48 mL) 1,4- (2.5 m
L) 0 pH 1.5 (3.5 mL) 가 6 (40 mL)
p- (0.07 g) 가 1 (60 mL) 가
1 (15 mL) 가 40 60 1 (35 mL)
1 (50 mL) 가 0 2 30
1 (50 mL) 가 0 2
1 (99.5%, HPLC) 4.4 g (92%)
134 136 ; IR(KBr) 3552, 1730 1698 cm⁻¹; H¹ NMR(CDCl₃, 400MHz) 0.83(t, J=7.57 Hz, 3H), 0.88(d, J=7.0 Hz, 3H), 1.08(d, J=7.4Hz, 3H), 1.12(s, 3H), 1.13(s, 3H) 1.20 1.96(m, 10H), 2.28 2.76(m, 6H), 4.37(m, 1H), 4.60(m, 1H), 5.36(m, 1H), 5.98(d, J=9.6 Hz, 1H)

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[1]

	1)	2)		
	92%	99.5%	5	0.3%
(75%)	-	-	-	
p- (95%)	-	-	-	
HF(50%)	56 67%	82 86%	3	10 % (50)
TBAF	60 65%	85 92%	3.5	1.6 15% (26)
(20 50%)	-	-	-	
(20 50%)	-	-	-	
(20 50%)	-	-	-	

(6N-)	40	60%	85%	3	15%	. (50)
1) : HPLC	2)		: 5(good)	1(bad)		

2

[2]

	/ 1,4- (95/5, V/V)				
		1)	2)		
V)		92%	99.5%	5	0.3% (6 7)
		50%	70%	3	5% (10)
		90%	92%	5	2% (3 4)
1,4-		80%	85%	3.5	3% (10)
1,3-		80%	90%	4	5% (10)
1) : HPLC	2)	5(good)	1(bad)		

F (18) 3 , 4 t- (TBDMS) TBAF H
) (6 7) (92%) 1 , (99.5%
 , 1 , 1 ,
 (57)

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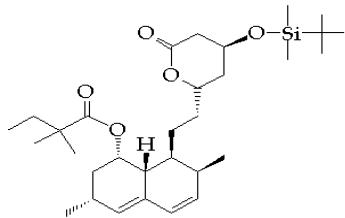
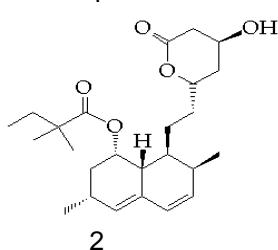
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1,4-

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n- 가 ,

40 60

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