

Table 1. Enzymatic hydrolyses of esters **5a-c**

Entry	Enzyme	Time	Hydrolysis of 5a				Hydrolysis of 5b					Hydrolysis of 5c ^a				
			Conv. ^b (%)	Product (ee, ^c %)	Ester (ee, ^d %)	<i>E</i> ^e	Time	Conv. ^b (%)	Acid (ee, ^c %)	Ester (ee, ^d %)	<i>E</i> ^e	Time	Conv. ^b (%)	Acid (ee, ^c %)	Ester (ee, ^d %)	<i>E</i> ^e
1	Acylase I on Eupergit C	2 h	27	(+)- 1a (80)	(-)- 5a (29)	11	50 min	10	(+)- 1b (84)	(-)- 5b (9)	12	5 h	18	(+)- 1c (96)	(-)- 5c (21)	60
2	Aminoacylase	50 min	23	(+)- 1a (79)	(-)- 5a (23)	10	30 min	30	(+)- 1b (76)	(-)- 5b (32)	10	4 h	17	(+)- 1c (90)	(-)- 5c (18)	22
3	Aminoacylase Buffer/IPE ^f	6 h	25	(+)- 1a (79)	(–)- 5a (27)	11	6 h	10	(+)- 1b (87)	(–)- 5b (10)	15	10 d	19	(+)- 1c (95)	(–)- 5c (22)	48
							4d	58	(+)- 1b (70)	(–)- 5b (96)	21					
4	Acylase I porcine kidney	2.5 h	13	(+)- 1a (13)	(–)- 5a (2)	1.3	2.6 h	20	(–)- 1b (8)	(+)- 5b (2)	1.2	3.5 h	0	–	–	–
5	α-CT	15 min	34	(–)- 1a (74)	(+)- 5a (38)	10	22 min	22	(–)- 1b (80)	(+)- 5b (22)	11	6.6 h	0	–	–	–
6	Novozym 435	2 h	6	(–)- 1a (15)	(+)- 5a (1)	1.4	3 h	19	(–)- 1b (69)	(+)- 5b (17)	6	18 h	6	(–)- 1c (65)	(+)- 5c (4)	5
7	PPL	2 h	25	(–)- 1a (49)	(+)- 5a (16)	3	1.5 h	7	(–)- 1b (40)	(+)- 5b (3)	2	3 h	0	–	–	–
8	PLE or HLAP	1.15 h	100	–	--	--	2h	100	–	–	–	4 h	100	–	–	–

^aThese results partially appeared in ref. 57. ^bCalculated values ref. 74 ^cDetermined by chiral HRGC of its ethyl ester. ^dDetermined by chiral HRGC. ^eRef. 73. ^fSubstrate, 30 mg; aminoacylase, 30 mg; phosphate buffer, pH 7.4, 5 ml; diisopropyl ether (IPE), 5 ml.