

(19)  
(12)(KR)  
(B1)(51) 。 Int. Cl. <sup>6</sup>  
C07C 57/58(45)  
(11)  
(24)2002 02 19  
10 - 0316552  
2001 11 22(21) 10 - 1995 - 0046414  
(22) 1995 12 04(65) 1997 - 0042466  
(43) 1997 07 24

(73)

1 - 23

(72)

3

101 - 404

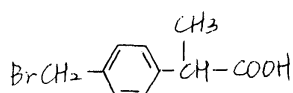
2 1359 - 21

(74)

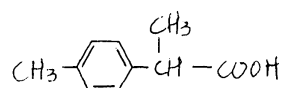
:

(54)

(profen) (I)  
(II) , ( - co - 4 - )  
(I)



(I)

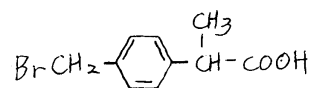


(II)

(I) 4 - 가 (Br<sub>2</sub>) , 가

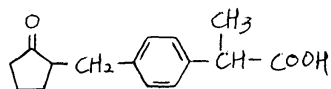
(II) (I)

(profen) (I)



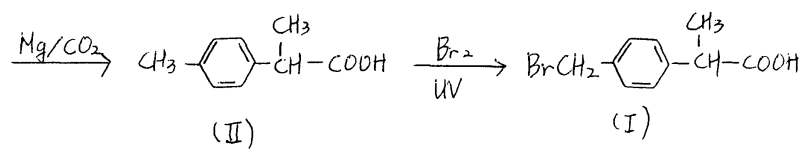
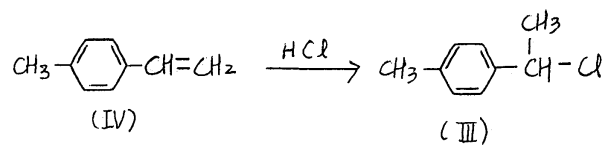
(I)

(A) ,  
58 - 4699, 60 - 34539, 60 - 34540



(A)

(A) (Cyclopentanone)  
(I) 2 - (4 - ) -  
62 - 161740



4 - (IV) 1 - (4 - ) - 1 - (III)  
 (Grignard) (II)  
 4 - (I) 2 - (4 - )

가

가

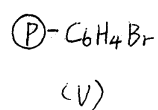
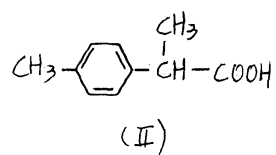
(I) 2 - (4 -

)

(II)

(V) 가  
(Benzylic Bromination)

(I)

(II) 2 - (4 - )  
(I)

가

(V)

(V) 4 -  
( co - 4 - )( co 가  
2 - (4 - ) -

1 1.5

1 gr  
4 5.5 mmole

1 5.5 mmole

50 100

5 8

UV

(Bead)

(I)

2 - (4 - )

.(J. Macromol. Sci. Chem., 1977, 11, 507; J. Macromol. Sci. Chem., 19  
82, 17, 759)

99 60 - 34539

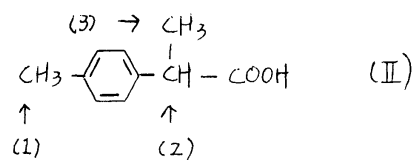
(I)  
(A)

58 - 46

4 -

(I) 가 (Br<sub>2</sub>) , 가

(1) (I)



1: 2 - (4 - ) - (I)

가 2 - (4 - ) 20gr ( - co - 4 - )  
 ) (5.5mmol Br/gr ) 24gr 3gr 800 ml 가  
 80 4  
 25.3gr ( :87%)

<sup>1</sup>H NMR(CDCl<sub>3</sub>) : 10.39(s,1H), 7.25(s,4H), 4.37(s,2H), 3.9 - 3.5(m,1H), 1.46(d,2H)

2: 2 - (4 - ) - (I)

가 2 - (4 - ) 30gr ( - co - )  
 ) (4.8 mmol Br/gr ) 47gr 4gr 1000 ml 가  
 80 5  
 46.6 gr ( :81%)

1

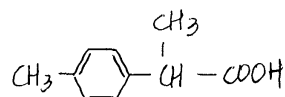
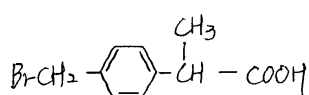
69 - 161740 4 - - 47 gr 200 ml 1 - (p -  
 ) - 1 - 2 - (p - )  
 %) 41.2 gr ( :45

(57)

1.

(II)

(I)



(I)

(II)

2.

1 , 가 ( - co - 4 - ) ( - co - )  
)