

(19) (KR)
(12) (A)

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(86) 2000 10 14 (87) 2001 05 03

(71) ,
- 65929 50

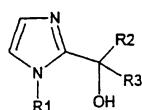
(72)	63329	21
	61197	9
	-	
	65527	25

(74)

(54)

2 -

I 2 -



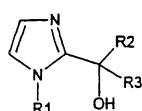
, R1, R2 R3

2 -

, Na+/H+

, |

|



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WO 97 49 704

JP 63270665

, m 0,1 2 ,
) , R2 R3
 CH₃O
 (C₅ - C₆)

, , R1
 F, Cl, CH₃
 C₁ - C₆ -
) , R2 R3 ,
 CH₃O
 (1 3
 - (CH₂)_m - (1 3
 F, Cl, CH₃

| R1 1 3 C₄ - C₆ - , (, R2 R3 1 3
 F, Cl, CH₃ CH₃O , , , ,
 C₁ - C₆ - (, , R2 R3 가
) , , , ,
 R1, R2 R3 가 , , S R

Na⁺ /H⁺

Na⁺ /H⁺

2

(Na⁺ /H⁺)

가

가

가

가

가

가

가

., 0.1 10 %, 0.3 3 %

75kg 1 0.001mg/kg
0.01mg/kg 10mg/kg, 1mg/kg 1 4
가 1 200mg

RT -

EA - (EtOAc)

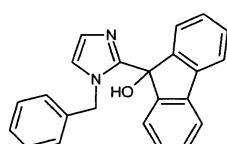
m.p. -

THF -

eq. -

1

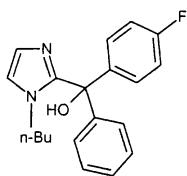
$$9 - (1 - \dots - 1H - \dots - 2 - \dots) - 9H - \dots - 9 - \dots = 149 \quad + + H = 339.$$



n - 1.2 - 70 THF N - 가 . 1 - 20
 , - 70 . THF 1 가 , 5
 EE .

2

$$(1 - \frac{1}{2} \mathbf{H}^2 - \frac{1}{2} \mathbf{H}^4) - 4 \mathbf{H}^3, \quad 138, \quad \mathbf{M}^+ + \mathbf{H} = 325.$$



N - n -

4 -

1

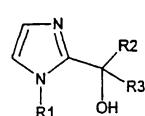
Na⁺ /H⁺(Ivanovas) Na⁺ /H⁺
, 6 2%25IU
2
100μℓ, Na⁺ /H⁺Na⁺-
(mmol/ : 140 NaCl, 3 KCl, 150
MgCl₂/ 100μℓ pH 7.4 37
2.0Mℓ) 5Mℓ
, 0.1 , 20) 3 ,Na⁺3 × 10⁻⁴ mol/Na⁺ /H⁺IC₅₀ (μ mol/)

1: 9.3

2: 50

(57)

1.



R1 C₁ - C₈ - - (CH₂)_m - (, m 0, 1 2 ,
F, Cl, CH₃ CH₃O 1 3) ,

R2 R3 C₁ - C₆ - (, F, Cl, CH₃ CH₃O
1 3) ,

R2 R3 , (C₅ - C₆)

2.

1 , |

3.

1 , |

4.

1 , |

5.

1 , |

6.

1 , |

7.

1 , |

8.

1 , |

9.

1 , |