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(65)

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CN 108483397 A

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(43)

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(73)

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(72)

(74)

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(56)

CN 104725409 A, 2015.06.24

1.

50
F Cl Br

2. 1

100: 1 1: 20

0.5 5 mol /L

1: 1

THF· BH₃

NBH₄ NH₄X BX₃ NH₂B₂H₆ M= Na Li X =

- 30

schl enk
schl enk

-

NH₂B₂H₆

[0001]

[0002]

Aminodi borane, ADB, $\text{NH}_2\text{B}_2\text{H}_6$

1938

B N H

B- H N- H B- N

[0003]

 $\text{NH}_2\text{B}_2\text{H}_6$

[0004] 1

 $\text{NH}_2\text{B}_2\text{H}_6$

-130

10%

[0005] 2

[0006] 3

THF · BH_3

THF

[0007]

 $\text{NH}_2\text{B}_2\text{H}_6$ THF · BH_3

[0008]

[0009]

 MBH_4 NH_4X BX_3

-30 50

 $\text{NH}_2\text{B}_2\text{H}_6$

M = Na Li X = F Cl Br

[0010]

100: 1 1: 20

schl enk

schl enk

0.5 5 mol /L

1: 1

THF · BH_3 $\text{NH}_2\text{B}_2\text{H}_6$

			$\text{NH}_2\text{B}_2\text{H}_6$	$\text{NH}_2\text{B}_2\text{H}_6$	0.065 g
	62%				
[0023]	4				
[0024]		100%			100 mL schl enk
	1.52 g	1.06 g			schl enk
		20 mL			4: 1
	1 mol /L	-	4 mL		
	1: 1			THF · BH_3	
			NB_2H_7	$\text{NH}_2\text{B}_2\text{H}_6$	0.065 g
	62%				
[0025]		100%			



