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GB 826557 A, 1960.01.13

(65)

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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

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1.

50  
F Cl Br

2.

1

100: 1 1: 20

1: 1

THF · BH<sub>3</sub>

NBH<sub>4</sub>      NH<sub>4</sub>X      BX<sub>3</sub>  
NH<sub>2</sub>B<sub>2</sub>H<sub>6</sub>      M = Na Li X =

- 30

schl enk  
schl enk

0.5 5 mol /L -

NH<sub>2</sub>B<sub>2</sub>H<sub>6</sub>

[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 ·  $\text{BH}_3$ 

THF

[0007]

 $\text{NH}_2\text{B}_2\text{H}_6$ THF ·  $\text{BH}_3$ 

[0008]

[0009]

 $\text{MBH}_4$  $\text{NH}_4\text{X}$  $\text{BX}_3$ 

-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 ·  $\text{BH}_3$  $\text{NH}_2\text{B}_2\text{H}_6$



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			$\text{NH}_2\text{B}_2\text{H}_6$	$\text{NH}_2\text{B}_2\text{H}_6$	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 · $\text{BH}_3$	
			$\text{NB}_2\text{H}_7$	$\text{NH}_2\text{B}_2\text{H}_6$	0.065 g
	62%				
[0025]		100%			



