

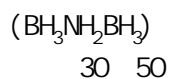


CN 108622857 B  
2021. 06. 04

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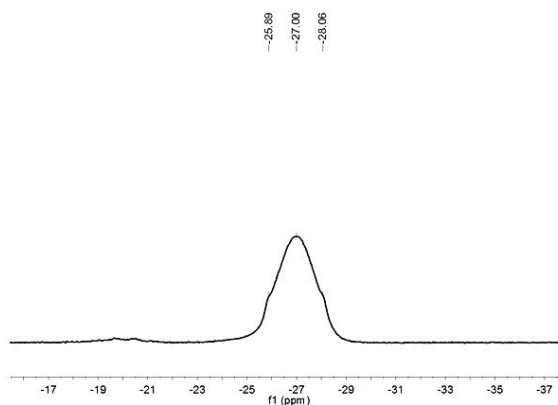
M

M =

X = Cl Br

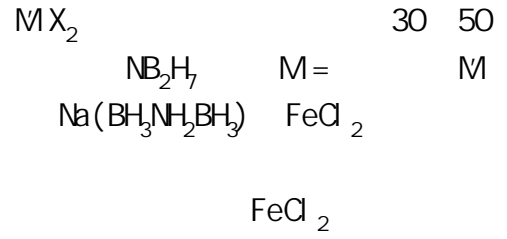
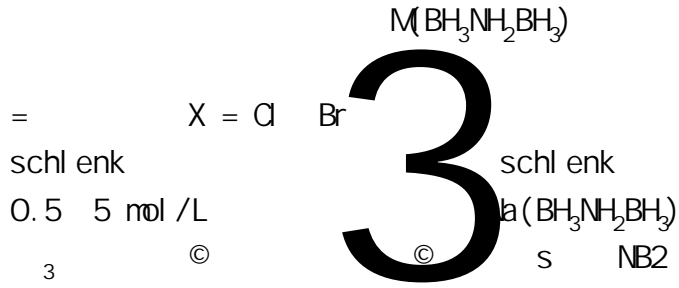


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1.





NB<sub>2</sub>H<sub>7</sub>



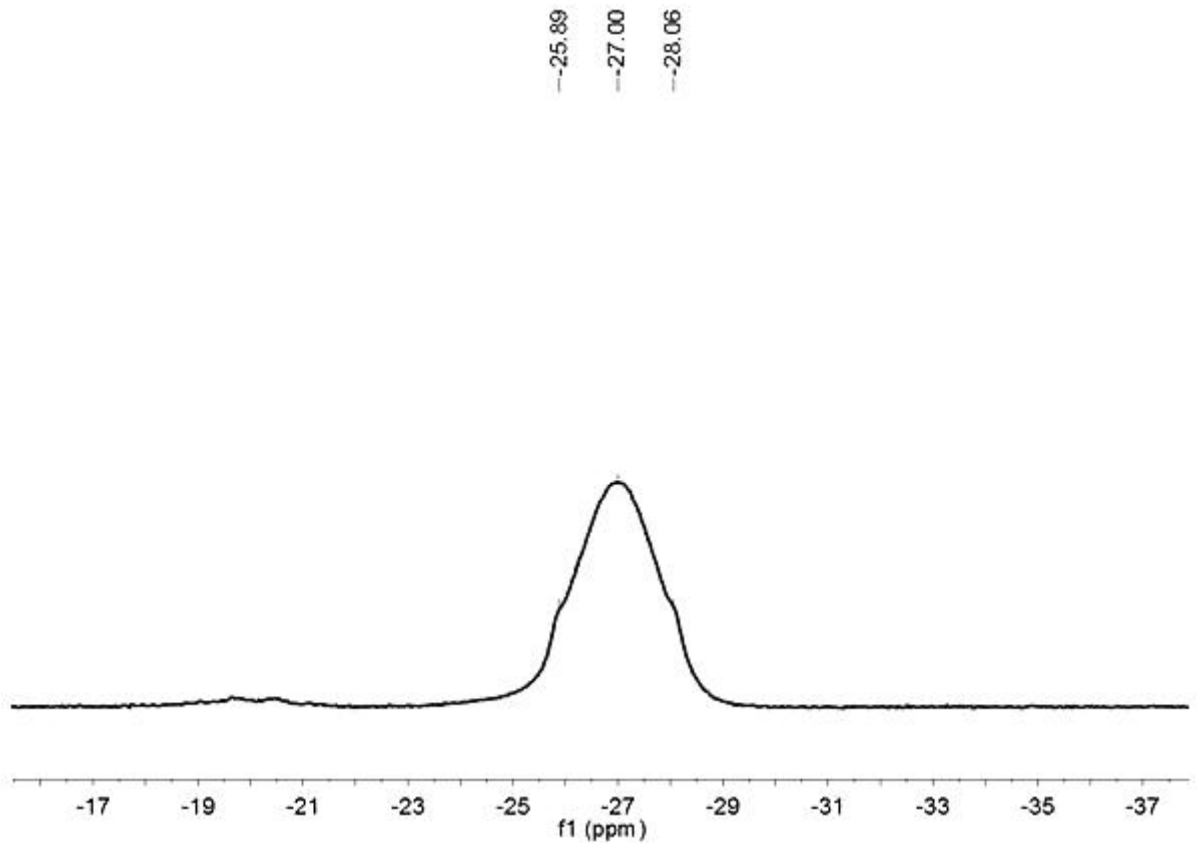
1	1		NB <sub>2</sub> H <sub>7</sub>	<sup>11</sup> B
2	1		NB <sub>2</sub> H <sub>7</sub>	<sup>11</sup> B{H}

1  
 schl enk 1.005 g Na(BH<sub>3</sub>NH<sub>2</sub>BH<sub>3</sub>) 0.951 g FeCl<sub>2</sub> 50 mL  
 (THF·BH<sub>3</sub>) 10 mL Na(BH<sub>3</sub>NH<sub>2</sub>BH<sub>3</sub>) schl enk  
 FeCl<sub>2</sub> 2 0.050 g  
 NB<sub>2</sub>H<sub>7</sub> NB<sub>2</sub>H<sub>7</sub>  
 62% 100%

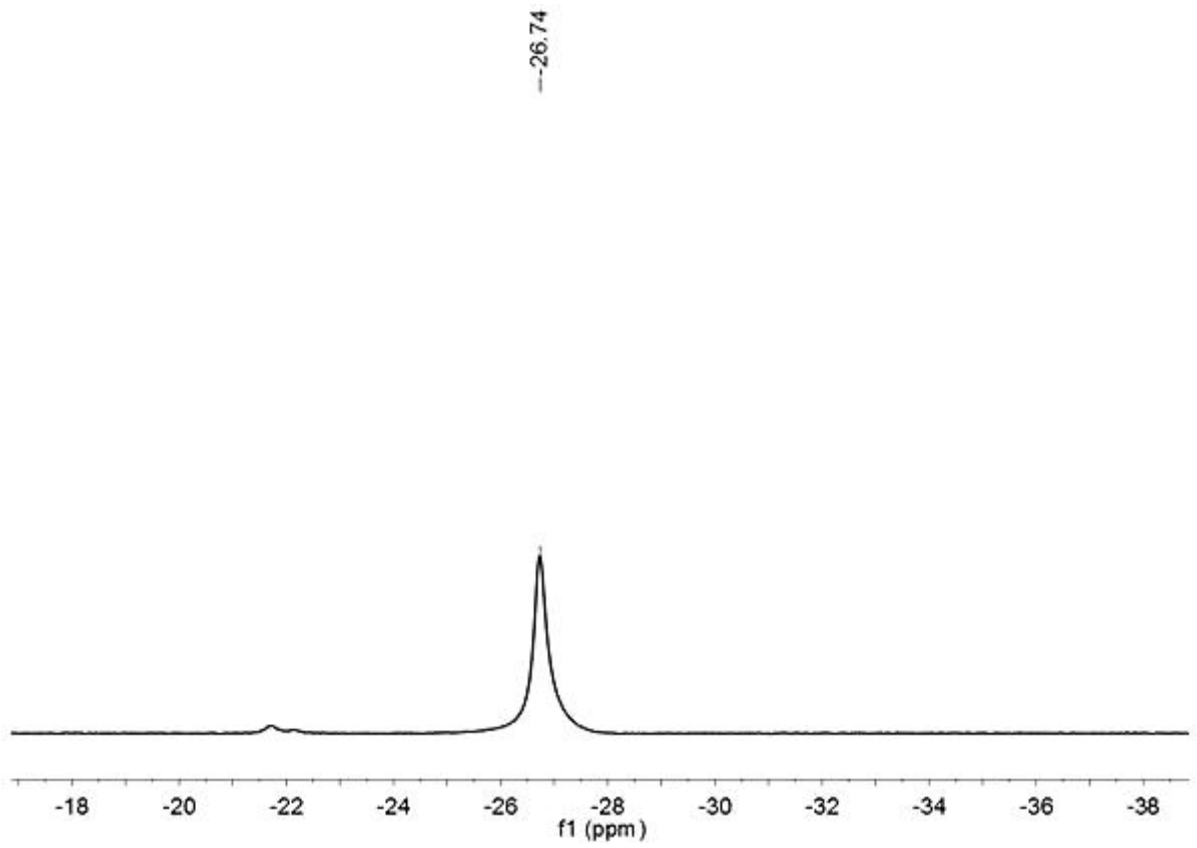
2  
 schl enk 0.670 g Na(BH<sub>3</sub>NH<sub>2</sub>BH<sub>3</sub>) 0.634 g FeCl<sub>2</sub> 50 mL  
 8 mL Na(BH<sub>3</sub>NH<sub>2</sub>BH<sub>3</sub>) schl enk  
 FeCl<sub>2</sub> 2 0.048 g  
 NB<sub>2</sub>H<sub>7</sub> NB<sub>2</sub>H<sub>7</sub>  
 60% 100%

3  
 1.005 g Na(BH<sub>3</sub>NH<sub>2</sub>BH<sub>3</sub>) schl enk 50 mL schl enk  
 50 mL Na(BH<sub>3</sub>NH<sub>2</sub>BH<sub>3</sub>) 0.9744 g CoCl<sub>2</sub>  
 10 mL Na(BH<sub>3</sub>NH<sub>2</sub>BH<sub>3</sub>) CoCl<sub>2</sub>  
 5 NB<sub>2</sub>H<sub>7</sub> NB<sub>2</sub>H<sub>7</sub> 0.045 g  
 58% 100%





1



2