

# Molecular Origami of NH4<sup>+</sup>

given information

| ElementNames | [ (N) (H) (H) (H) (H) ] |  |
|--------------|-------------------------|--|
| distance     | 96.734                  | N <sup>1</sup> -H <sup>1</sup>                 |
| distance     | 99.066                  | N <sup>1</sup> -H <sup>4</sup>                 |
| distance     | 101.178                 | N <sup>1</sup> -H <sup>2</sup>                 |
| distance     | 101.954                 | N <sup>1</sup> -H <sup>3</sup>                 |
| angle        | 108.155                 | H <sup>2</sup> -N <sup>1</sup> -H <sup>1</sup> |
|              | 160.3                   | H <sup>2</sup> -H <sup>1</sup>                 |
| angle        | 108.876                 | H <sup>4</sup> -N <sup>1</sup> -H <sup>2</sup> |
|              | 162.9                   | H <sup>4</sup> -H <sup>2</sup>                 |
| angle        | 108.946                 | H <sup>4</sup> -N <sup>1</sup> -H <sup>3</sup> |
|              | 163.6                   | H <sup>4</sup> -H <sup>3</sup>                 |
| angle        | 109.327                 | H <sup>3</sup> -N <sup>1</sup> -H <sup>2</sup> |
|              | 165.7                   | H <sup>3</sup> -H <sup>2</sup>                 |
| angle        | 109.777                 | H <sup>3</sup> -N <sup>1</sup> -H <sup>1</sup> |
|              | 162.6                   | H <sup>3</sup> -H <sup>1</sup>                 |
| angle        | 111.723                 | H <sup>4</sup> -N <sup>1</sup> -H <sup>1</sup> |
|              | 162.1                   | H <sup>4</sup> -H <sup>1</sup>                 |
| dopage       | T                       |  |
| AutoAlign    | F                       |  |

structure type: XABCD

!N1  
H1  
H2  
H3  
H4  
NH4^+

```
scale 250,000,000 : 1
units: pm
offsetx 0.12 offsety 1.45
```

actual size: 123 341