

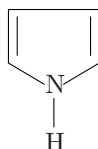
[X_YMT_EX-Tips 100107b]
NH Bond in Pyrrole

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Question:

The command `\pyrrole{1==H}` gives the following formula:



How can we omit the single bond symbol (—) in the N—H of the formula?

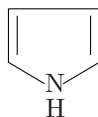
Answer:

Use a more basic command `\fiveheterov` in place of the `\pyrrole`. And then the unit NH is drawn by using `\downnobond` as follows:

```
%setting in the preamble
%\usepackage{xymtexp}
%\usepackage{chmst-ps}
%\verbswitchfalse
```

```
\fiveheterov[bd]{1==\downnobond{N}{H}}{-}
```

This code prints out the following structural formula:



On the same line, an inverse vertical formula of pyrrole can be drawn by writing the following code:

```
%setting in the preamble
%\usepackage{xymtexp}
%\usepackage{chmst-ps}
%\verbswitchfalse
```

```
\fiveheterovi[bd]{1==\upnobond{N}{H}}{-}
```

where the inverse type of NH is specified by using `\upnobond`. Thereby we can obtain the following structural formula:

