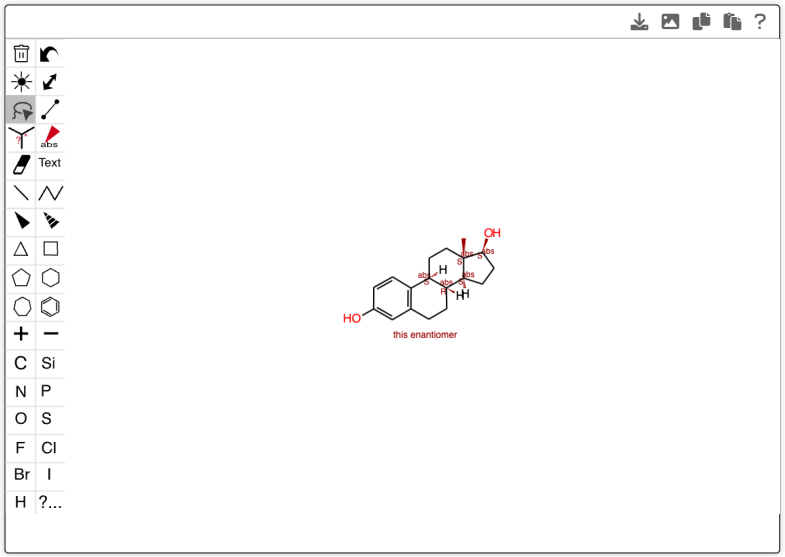
OpenBabel allows to convert nearly all the chemical formats and it very practical to quickly move from one program to another.
On this page we have setup a webservice allowing you to use OpenBabel without having to install it.

Drop or paste here your input file

INPUT

```
  1  783
  2  Actelion Java MolfileCreator 1.0
  3
  4   23 26  0  0  1  0  0  0  0  0999 V2000
  5     31.9341  -14.6681    0.0000 O   0  0  0  0  0  0  0  0  0  0  0  0
  6     21.9625  -21.1271    0.0000 O   0  0  0  0  0  0  0  0  0  0  0  0
  7     30.0493  -16.5503    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
  8     30.0493  -18.0499    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
  9     28.7508  -18.7996    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
 10     27.4524  -18.0499    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
 11     31.4681  -16.0934    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
 12     28.7508  -15.8005    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
 13     31.4681  -18.5067    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
 14     27.4524  -16.5503    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
 15     32.3433  -17.3001    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
 16     28.7749  -20.3612    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
 17     30.0493  -15.0509    0.0000 C   0  0  0  0  0  0  0  0  0  0  0  0
```



Options

Input format*
mol -- MDL MOL format

Output format*
pdb -- Protein Data Bank format

Generate coordinates 3D
Allows to generate 2D or 3D coordinates

Add / Delete hydrogens Add

pH to add hydrogens 7
Specify a pH at which the molecule should be protonated

Convert

Use open babel to convert most of the chemical formats.

How to proceed ?

1. Enter an input value, for example a SMILES like "CCCC"
2. Select the "Input format", for example "smi"
3. Select an output format, for example "mol"
4. Click on "Convert"

OUTPUT

```
  1  COMPND    783
  2  AUTHOR    GENERATED BY OPEN BABEL 3.1.1
  3  HETATM    1  O   UNL     1      -5.048   1.118  -0.305  1.00
  4  HETATM    2  O   UNL     1       5.795   0.198  -0.543  1.00
  5  HETATM    3  C   UNL     1      -2.649   0.542  -0.116  1.00
  6  HETATM    4  C   UNL     1      -1.992  -0.774   0.347  1.00
  7  HETATM    5  C   UNL     1      -0.502  -0.839  -0.002  1.00
  8  HETATM    6  C   UNL     1       0.233   0.357   0.679  1.00
  9  HETATM    7  C   UNL     1      -4.102   0.269   0.316  1.00
 10  HETATM    8  C   UNL     1      -1.975   1.697   0.630  1.00
 11  HETATM    9  C   UNL     1      -2.938  -1.842  -0.198  1.00
 12  HETATM   10  C   UNL     1      -0.460   1.712   0.385  1.00
 13  HETATM   11  C   UNL     1      -4.335  -1.203  -0.070  1.00
 14  HETATM   12  C   UNL     1       0.154  -2.140   0.474  1.00
 15  HETATM   13  C   UNL     1      -2.576   0.799  -1.643  1.00
 16  HETATM   14  C   UNL     1       1.722   0.327   0.350  1.00
 17  HETATM   15  C   UNL     1       1.616  -2.212   0.031  1.00
 18  HETATM   16  C   UNL     1       2.363  -0.898   0.071  1.00
 19  HETATM   17  C   UNL     1       2.502   1.500   0.372  1.00
 20  HETATM   18  C   UNL     1       3.735  -0.912  -0.231  1.00
 21  HETATM   19  C   UNL     1       3.864   1.475   0.075  1.00
 22  HETATM   20  C   UNL     1       4.471   0.267  -0.233  1.00
 23  HETATM   21  H   UNL     1      -2.064  -0.835   1.446  1.00
 24  HETATM   22  H   UNL     1      -0.378  -0.782  -1.091  1.00
 25  HETATM   23  H   UNL     1       0.172   0.211   1.768  1.00
 26  HETATM   24  H   UNL     1      -4.834   2.031  -0.051  1.00
 27  HETATM   25  H   UNL     1       6.162   1.098  -0.525  1.00
 28  HETATM   26  H   UNL     1      -4.216   0.378   1.402  1.00
 29  HETATM   27  H   UNL     1      -2.151   1.602   1.709  1.00
 30  HETATM   28  H   UNL     1      -2.407   2.660   0.331  1.00
 31  HETATM   29  H   UNL     1      -2.876  -2.778   0.366  1.00
 32  HETATM   30  H   UNL     1      -2.721  -2.073  -1.247  1.00
 33  HETATM   31  H   UNL     1       0.251   2.022   0.646  1.00
```

Log

```
================================
*** Open Babel Warning  in DoTransformations
  Both -p and -h options are set. All implicit hydr

1 molecule converted
```