The structural formula of a covalent compound is the formula that shows the connectivity of atoms in its molecule.

eg. 1: The structural formula of ethane is

\[
\begin{array}{c}
H \\
\hline
C \\
\hline
H
\end{array}
\]

eg. 2: The structural formula of nicotine is

\[
\text{nicotine structure}
\]

eg. 3: The structural formula of cholesterol is

\[
\text{cholesterol structure}
\]

eg. 4: The structural formula of ascorbic acid (vitamin C) is

\[
\text{ascorbic acid structure}
\]

see also molecular formula

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Contributors
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