

The diagram illustrates a complex chemical structure, likely a protein or a large organic molecule, showing a network of atoms (O, N, C, H, S) connected by single bonds. The structure is highly branched and includes several cycles. Atoms are labeled with numbers and subscripts, and bonds are explicitly labeled 'Single'.

Key features of the structure include:

- Central Core:** A complex arrangement of atoms including O₁, N₆, H₃, S₁, O₅, C₁₂, C₁₃, C₇, C₂, C₁, H₅, N₇, O₄, O₃, H₄, H₂, H₆, H₁, N₃, N₄, N₅, and N₈.
- Peripheral Groups:** Several smaller groups are attached to the main structure, including a hydroxyl group (O₇), a methyl group (H₉), and a carboxylate group (C₁, H₆, O₆).
- Bond Types:** All bonds shown are single bonds, labeled 'Single'.
- Atom Valency:** The structure shows various valencies for the atoms, with some atoms (like N₆, N₇, N₈) having multiple single bonds.

The diagram is a detailed representation of a chemical structure, showing the connectivity and arrangement of atoms in a molecule.