

The graph illustrates a complex molecular structure with the following components:

- Nodes:**
  - O\_1:** Located at the top left.
  - Single:** Multiple nodes labeled "Single" are distributed throughout the structure, often representing carbon atoms in a chain or ring.
  - N\_1:** A nitrogen atom located in the middle right section.
  - H\_1:** A hydrogen atom bonded to N\_1.
  - O\_2:** An oxygen atom at the bottom center.
  - S\_1:** A sulfur atom at the bottom right.
  - O\_3:** An oxygen atom on the far right.
- Edges:** All connections between nodes are labeled "Single", indicating single bonds.
- Structure:** The molecule features a long, somewhat zig-zagging carbon chain (represented by "Single" nodes). This chain is substituted with several functional groups:
  - A hydroxyl group (-OH) at the top left (O\_1).
  - A carbonyl group (-C=O) at the bottom center (O\_2).
  - A thioether group (-S-) at the bottom right (S\_1).
  - An amine group (-NH-) in the middle right (N\_1, H\_1).
  - A carboxylate-like group on the far right involving O\_3.