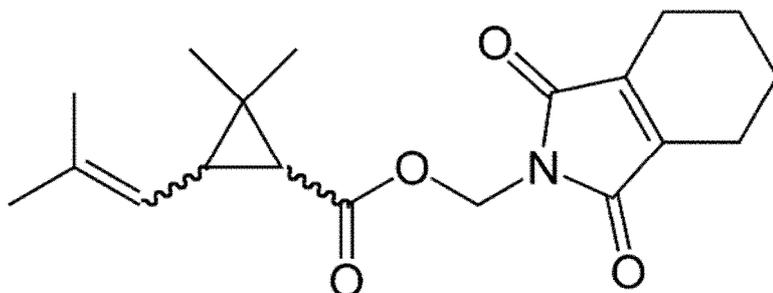


30686, Chemistry, Other

Hello, I need help defining if the insecticide Tetramethrin (C₁₄H₂₅NO₄) has covalent or ionic bonds or even metallic, and if its covalent if it has cations or anions, and if it is covalent if it is polar or non polar. Please help!

Answer:

The molecular structure of tetramethrin is:



In the picture unnamed atoms are carbon atoms.

This molecular contain atoms in which the electro negativity difference between the bonded atoms is small (C-O, C-N, C-H) or nonexistent (C-C). So, the chemical bonds within this compound as well as in the most organic compounds are described as covalent and covalent polar.