

The chemical structure is N-ethyl-2-methyl-5-oxo-1H-pyridine-3-carboxamide. It features a pyridine ring with a nitrogen atom at position 1. An amide group (-CONH2) is attached at position 3. A methyl group (-CH3) is attached at position 2. An ethyl group (-CH2CH3) is attached at position 5. The structure is drawn with various bond colors (red, blue, green, yellow, black) and includes a legend in the top right corner.