

## Molecular and crystal structure of the $\alpha$ -(*N*-Benzoxazolyn-2-on)acetic acid

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### Abstract

The  $\alpha$ -(*N*-benzoxazolyn-2-on)acetic acid C<sub>9</sub>H<sub>7</sub>NO<sub>4</sub> was synthesized by interaction the benzoxazolyn-2-on with monochloroacetic acid. Its structure was investigated by methods of IR and <sup>1</sup>H NMR spectroscopy and X-ray diffraction analysis. It is shown, that in crystal structure of compound, according to the presence of the symmetry of the inversion center, molecules generate antiparallel layers.