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Molecular and crystal structure of the α-(*N*-benzoxazolyn-2-on)acetic acid

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Abstract

The α -(N-benzoxazolyn-2-on) acetic acid $C_9H_7NO_4$ was synthesized by interaction of benzoxazolyn-2-on with monochloroacetic acid. Its structure was investigated by methods of IR and 1H NMR spectroscopy and X-ray diffraction analysis. It has been shown, that in crystal structure of compound, due to the presence of the symmetry of the inversion centre, molecules generate antiparallel layers.