

## **THE WATER-SOLUBLE POLYMERIC FORMS OF ACETYLSALICYLIC ACID**

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The rise of solubleness in water and the lowering of toxicity of acetylsalicylic acid is a very important problem. New water soluble polymeric form of this drug was prepared through the reaction of the copolymer of N-vinylpyrrolidone and N-vinyl-N-glycidyl(chlorhydroxypropyl)- $\gamma$ -aminobutyric acid with acetyl-salicylic acid. The methods of synthesis of this copolymer by analog transformation of polyvinylpyrrolidone or by copolymerization of N-vinylpyrrolidone with derivative of N-vinyl- $\gamma$ -aminobutyric acid has been developed. The rise of analgesic, thrombolytic activity and the lowering of ulcerogenic effect on gastrointestinal canal of substance in comparison with acetylsalicylic acid were registered.