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Co-crystallizates of benzo-tris-(1,2,5-oxadiazol-2-oxide)

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*Supervising author; ⁺Corresponding author Keywords: co-crystallizates, benzotrifuroxane, thermal decomposition, solution, melt, mechanical activation.

Abstract

The paper presents the results of the research into the stability and properties with benzotrifuroxane okristallizates with hexanitrohexaazaisowurtzitane and anthracene, and new benzotrifuroxane co-crystallizates with benzotriazole and dinitrazapentane, obtained from the solutions, melts and mechanical activation. Thermal behavior of co-crystallizates was studied and identified by their infrared spectra and density, sensitivity parameters to mechanical impacts.