

The properties of the sonochemically  
functionalized nonsteroidal anti-inflammatory  
drug ketorolac in an Fe<sub>3</sub>O<sub>4</sub>–graphene oxide  
nanocomposite

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**Abstract.** Metallodrugs are in clinical use for the treatment of some diseases. A feasible sonochemical method is described for the

complexation of the nonsteroidal anti-inflammatory drug, ketorolac, with an Fe<sub>3</sub>O<sub>4</sub>-graphene oxide nanocomposite. The extraction of ketorolac from this nanocomposite was studied in aqueous solutions at pH = 1, 5 and 8, imitating the gastrointestinal medium.

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