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Multi-Laminated Metal Hydroxide Nanocontainers for Oral-Specific Delivery for Bioavailability Improvement and Treatment of Inflammatory Paw Edema in Mice

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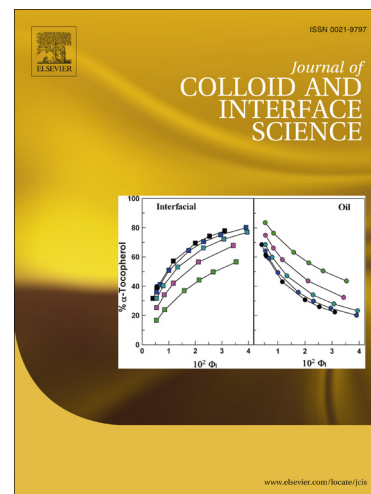
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# Multi-Laminated Metal Hydroxide Nanocontainers for Oral-Specific Delivery for Bioavailability Improvement and Treatment of Inflammatory Paw Edema in Mice

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## Abstract

Multiple layers of pH-sensitive enteric copolymers were coated over layered double hydroxide (LDH) nanoparticles for controllable drug release and improved solubility of hydrophobic drugs. The nano-sized LDH carriers significantly improved the accessibility of sulfasalazine molecules that have positively charged frameworks.

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