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Design of alpha mangostin-loaded chitosan/alginate controlled-release nanoparticles using genipin as crosslinker

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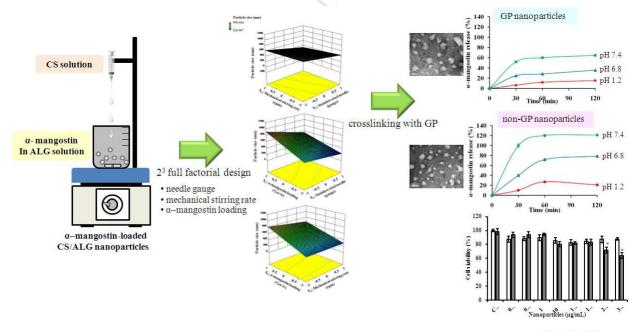


## ACCEPTED MANUSCRIPT

## 1 Graphical Abstract

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Design of alpha mangostin-loaded chitosan/alginate controlled-release 3 nanoparticles using genipin as crosslinker 4 5 Wipada Samprasit<sup>a,\*</sup> Prasert Akkaramongkolporn<sup>b</sup>, Saran Jaewjira<sup>c</sup> and Praneet Opanasopit<sup>b,\*</sup> 6 7 <sup>a</sup> Department of Pharmaceutical Technology, Faculty of Pharmacy, Rangsit University, 8 PathumThani, 12000, Thailand 9 <sup>b</sup> Department of Pharmaceutical Technology, Faculty of Pharmacy, Silpakorn University, 10 NakhonPathom, 73000, Thailand 11 <sup>c</sup> Kaewmungkorn co., ltd., 123/2 M. 6, Petchkasem, Photharam, Ratchaburi 70120, Thailand 12 13



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