

Supplementary

# EGDMA- and TRIM-Based Microparticles Imprinted with 5-Fluorouracil for Prolonged Drug Delivery

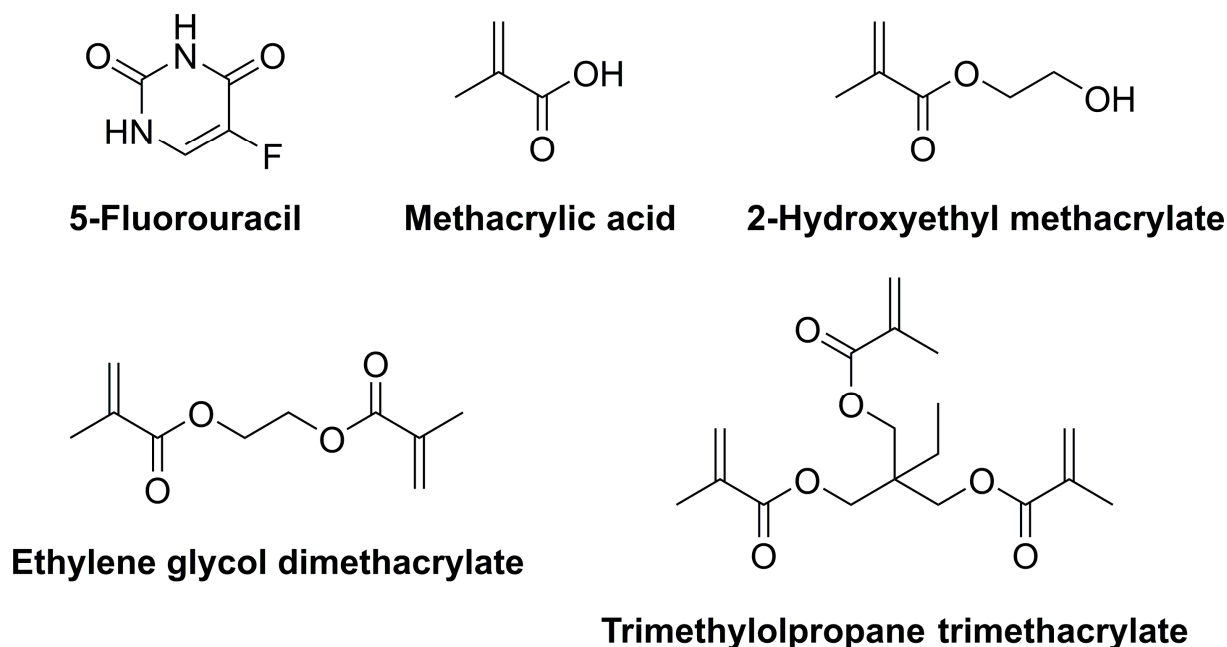
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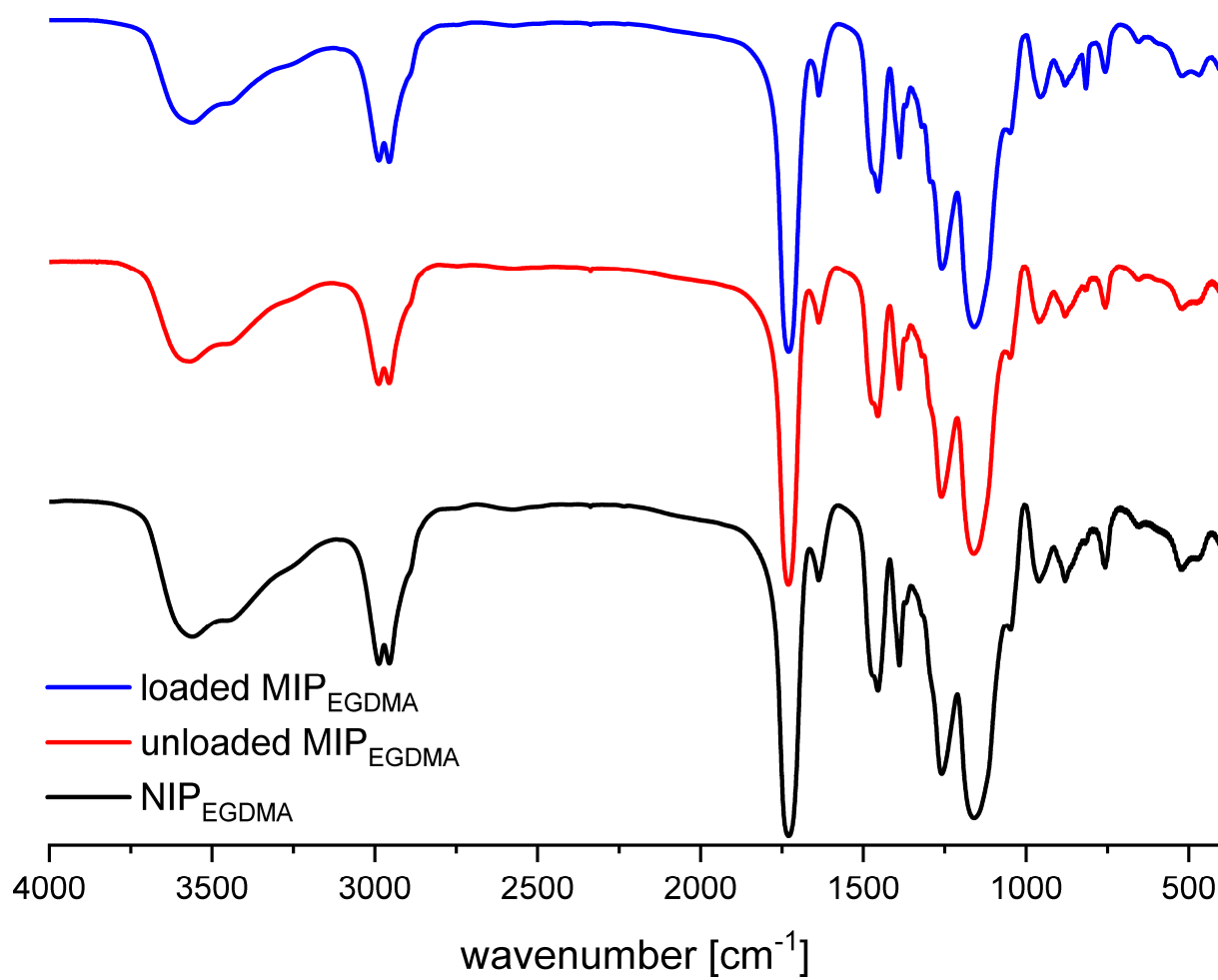
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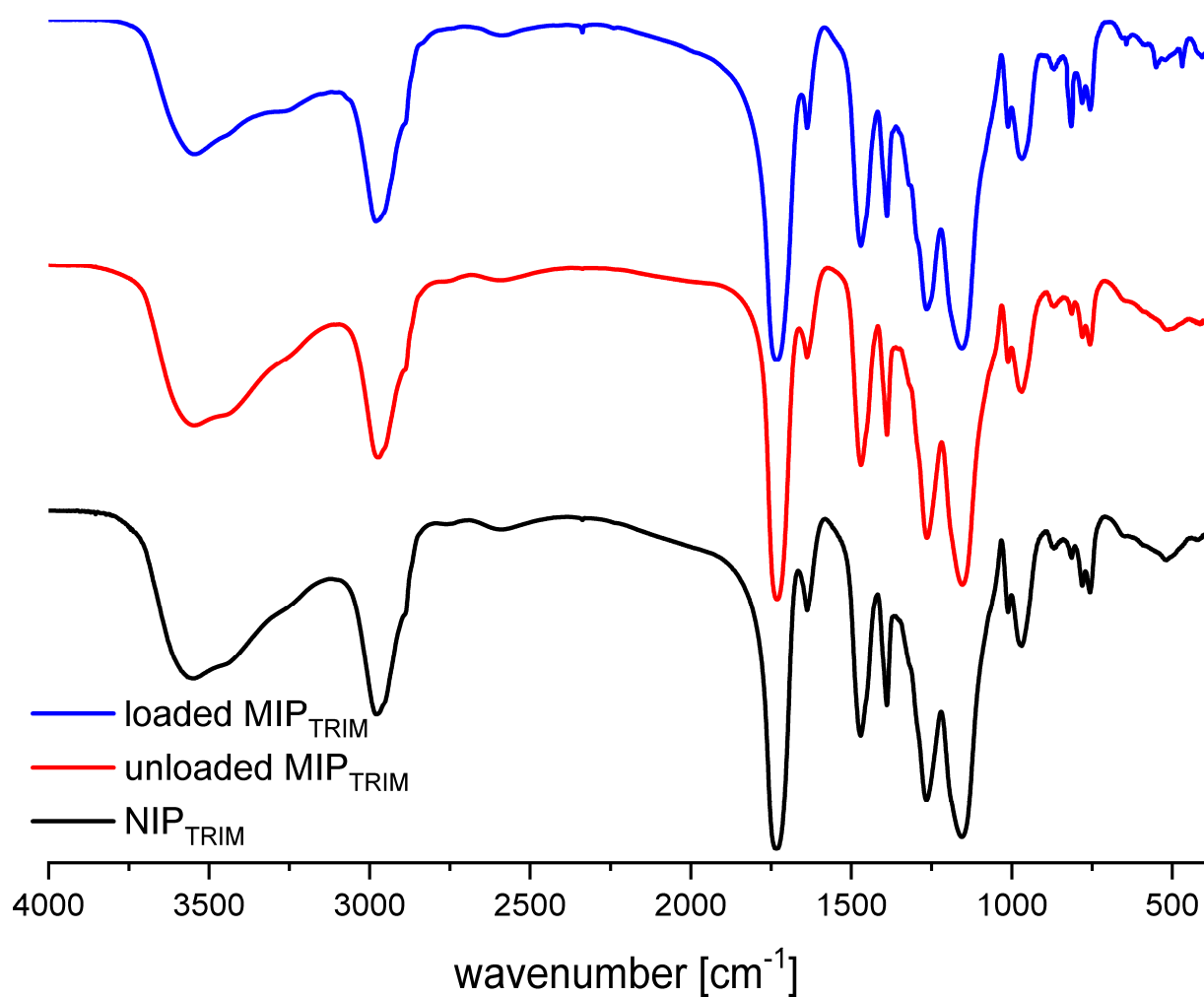
## Figures



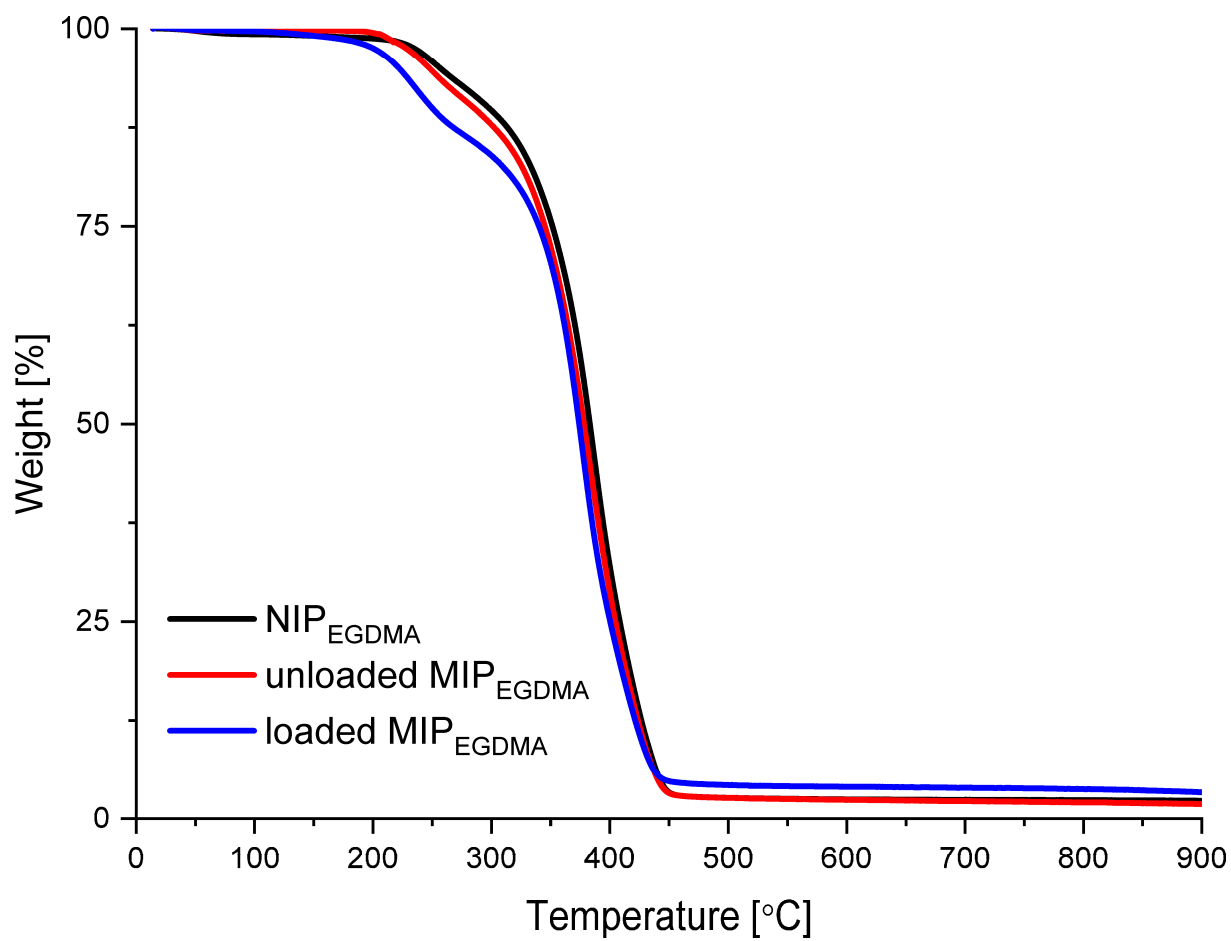
**Figure S1.** Chemical structures of 5- fluorouracil, functional monomers and cross-linkers.



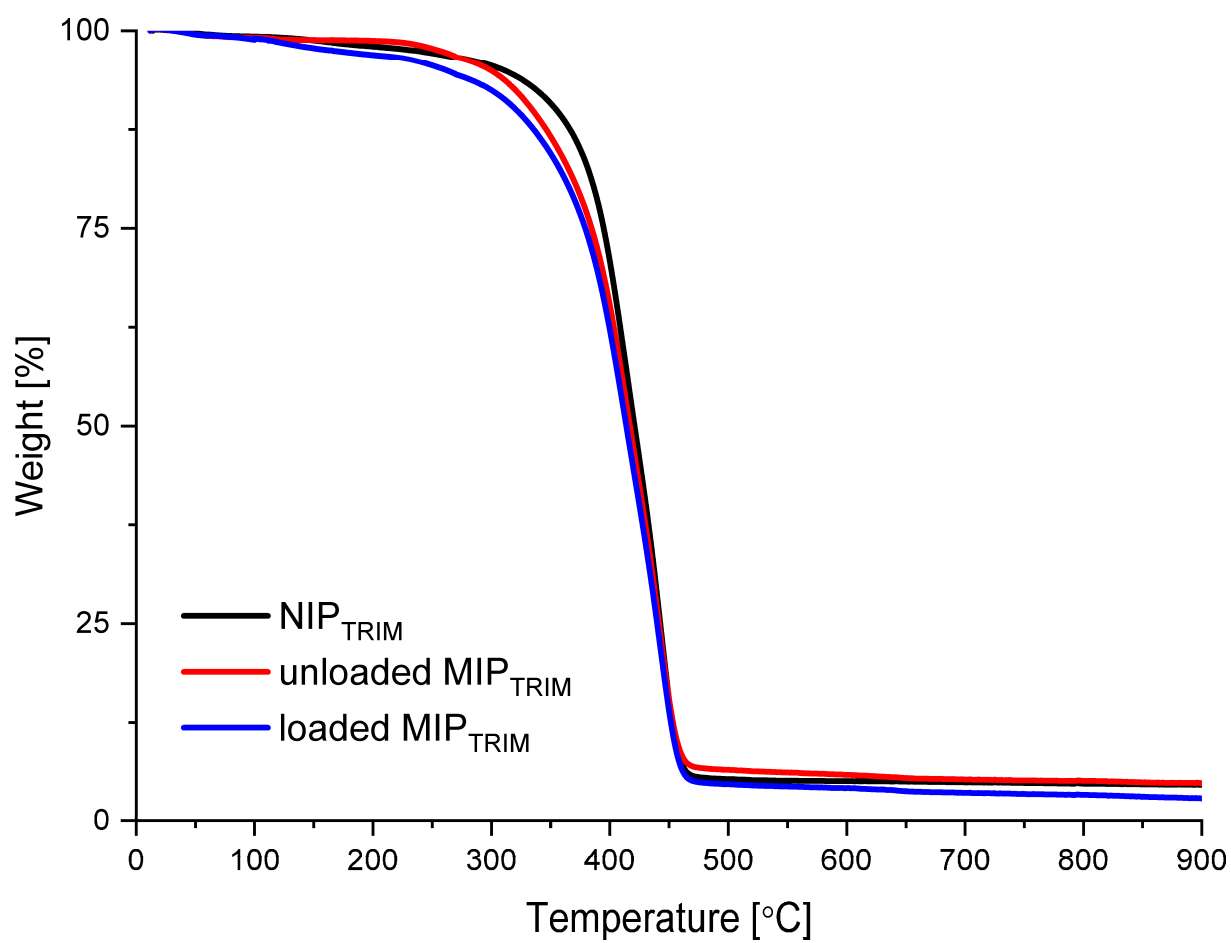
**Figure S2.** FT-IR spectra of loaded  $\text{MIP}_{\text{EGDMA}}$ , unloaded  $\text{MIP}_{\text{EGDMA}}$ , and  $\text{NIP}_{\text{EGDMA}}$ .



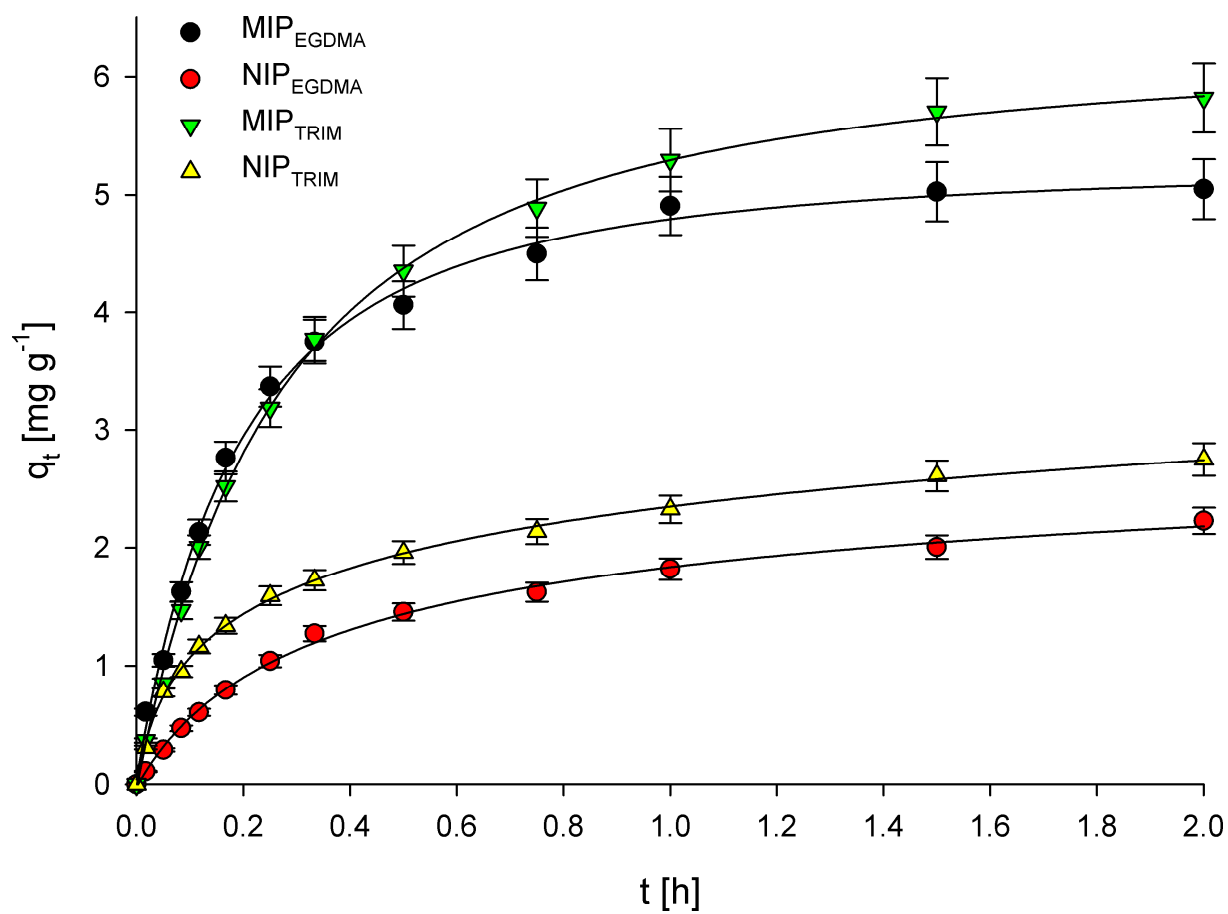
**Figure S3.** FT-IR spectra of loaded  $\text{MIP}_{\text{TRIM}}$ , unloaded  $\text{MIP}_{\text{TRIM}}$ , and  $\text{NIP}_{\text{TRIM}}$ .



**Figure S4.** Results of thermogravimetric analysis for NIP<sub>EGDMA</sub>, unloaded MIP<sub>EGDMA</sub>, and loaded MIP<sub>EGDMA</sub>.



**Figure S5.** Results of thermogravimetric analysis for NIP<sub>TRIM</sub>, unloaded MIP<sub>TRIM</sub>, and loaded MIP<sub>TRIM</sub>.



**Figure S6.** The relationship between  $q_t$  and  $t$  obtained for MIP<sub>EGDMA</sub>, NIP<sub>EGDMA</sub>, MIP<sub>TRIM</sub>, and NIP<sub>TRIM</sub> during adsorption kinetics experiments.