

## Supplementary Information

### Grafting Amino Drugs to Poly(styrene-*alt*-maleic Anhydride) as a Potential Method for Drug Release

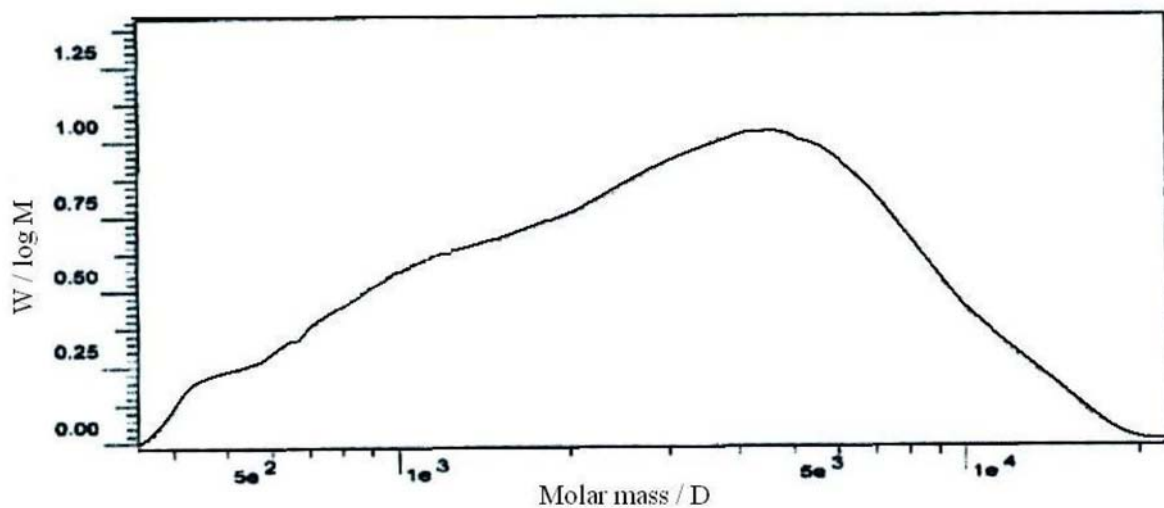
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**Figure S1.** A gel permeation chromatography (GPC) chromatogram for PMSA.

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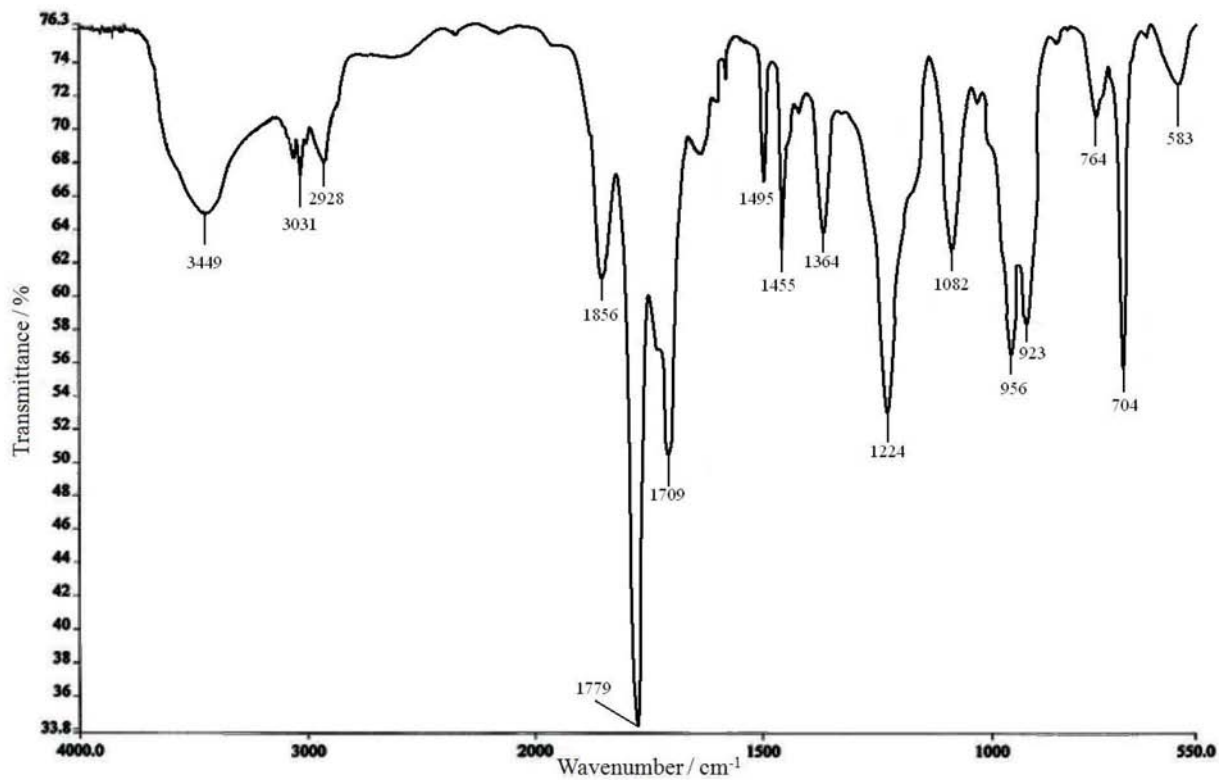
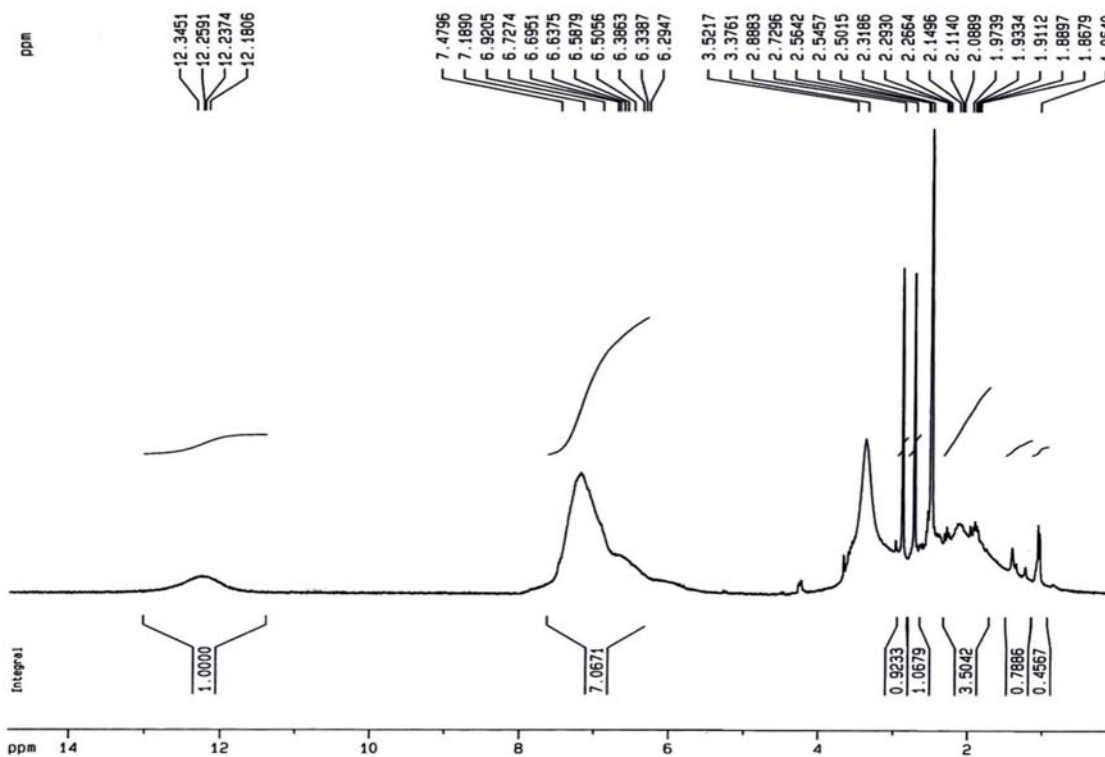
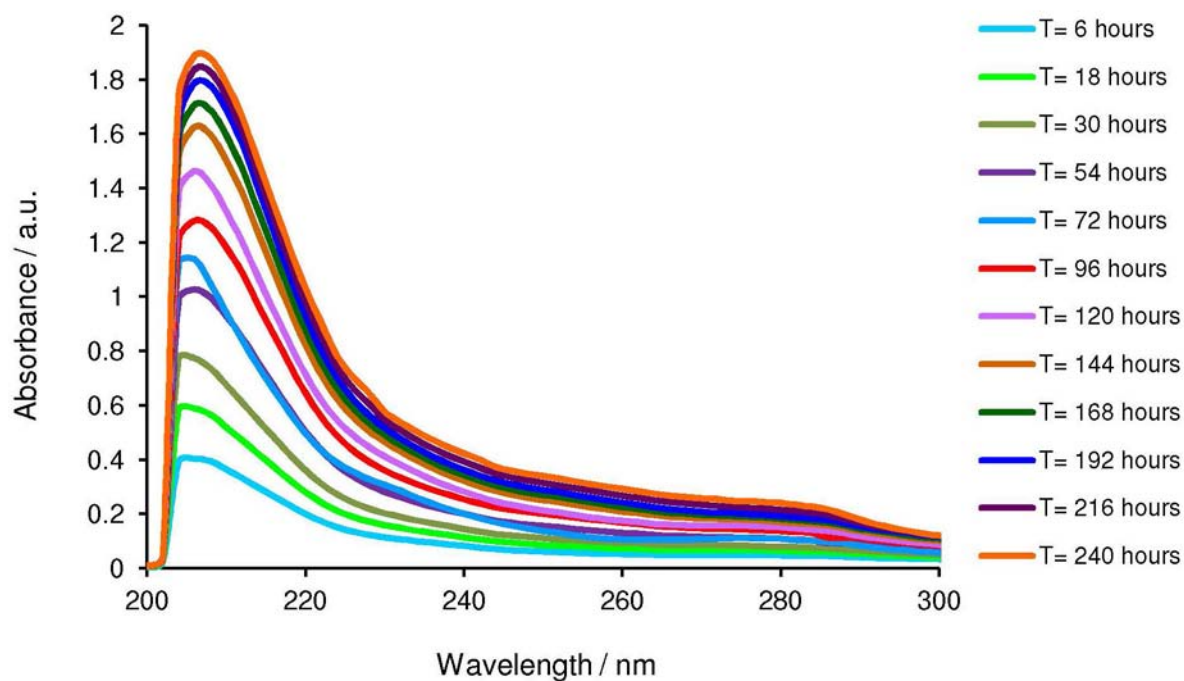
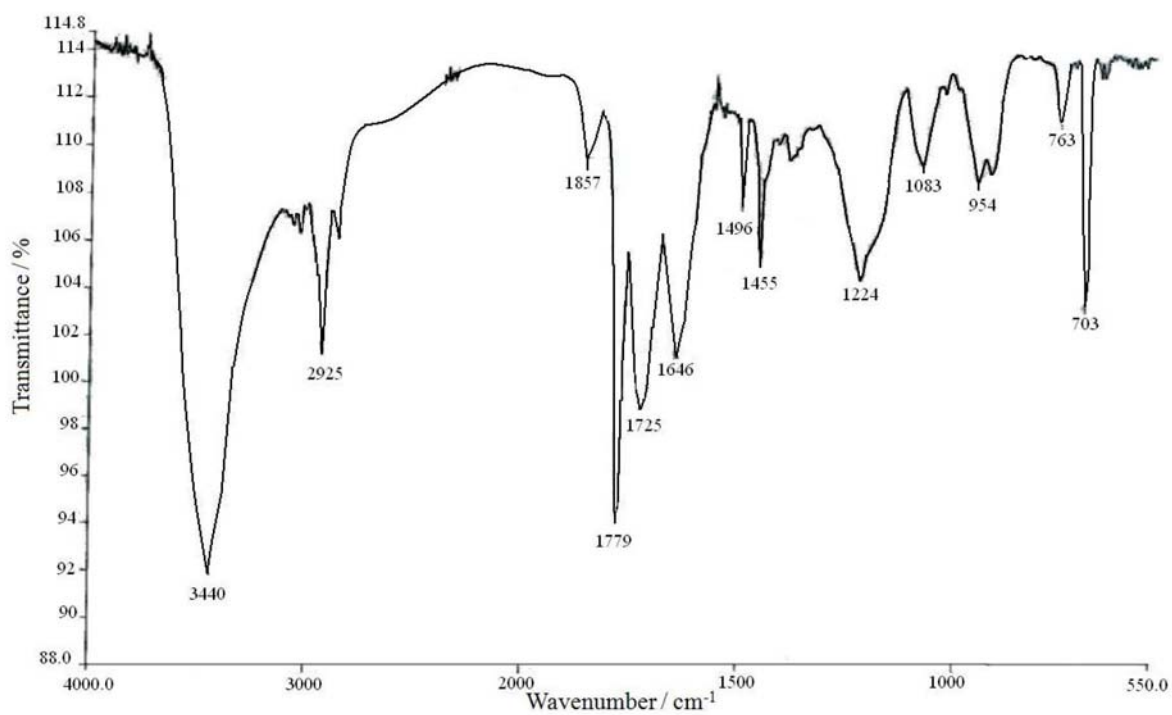


Figure S2. FTIR spectrum (KBr) of PSMA.

Figure S3. <sup>1</sup>H NMR (300 MHz, DMSO-*d*<sub>6</sub>) spectrum of PSMA.



**Figure S4.** Release of amantadine from PSMA-AAE undertaken in buffer pH 1.3 at 37 °C.



**Figure S5.** FTIR spectrum (KBr) of PSMA-AAE.

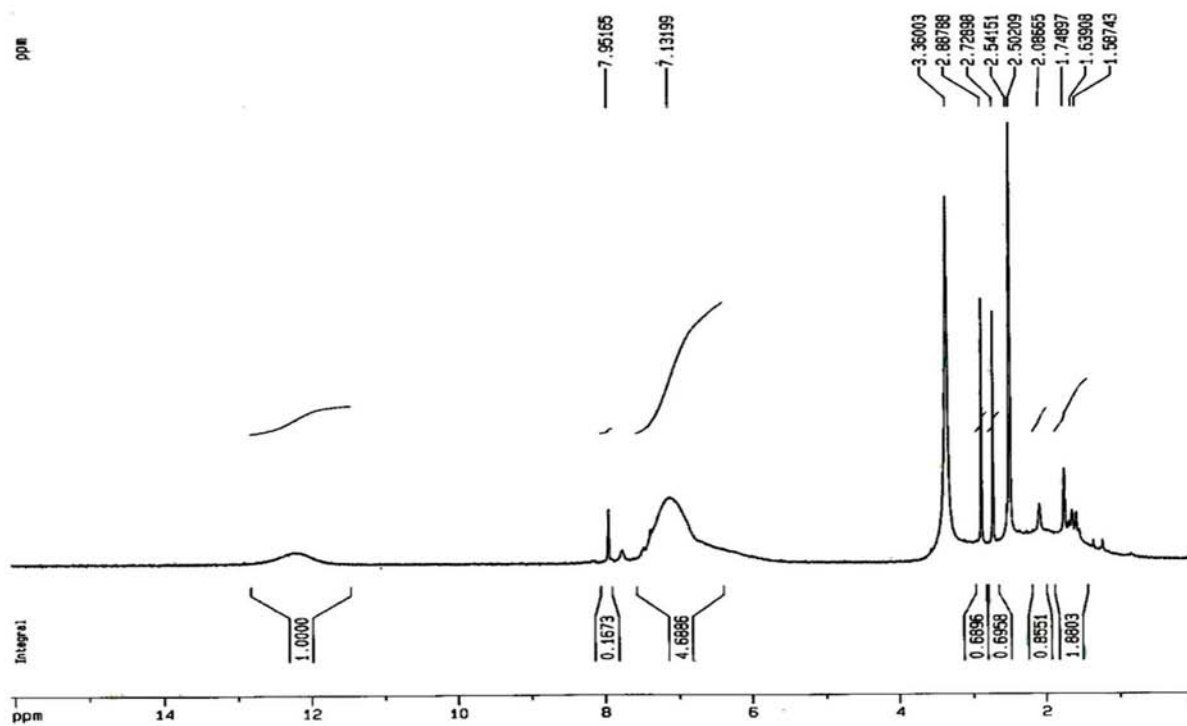


Figure S6.  $^1\text{H}$  NMR (300 MHz,  $\text{DMSO-}d_6$ ) spectrum of PSMA-AAE.

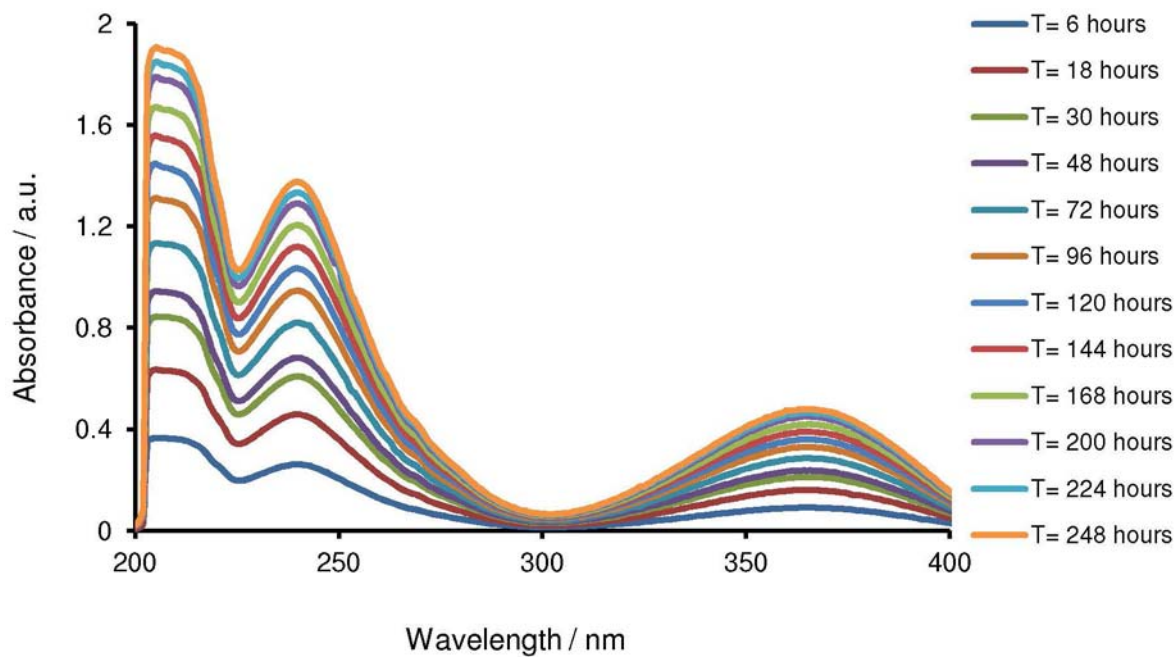


Figure S7. Release of amlodipine from PSMA-ALE undertaken in buffer pH 1.3 at 37 °C.

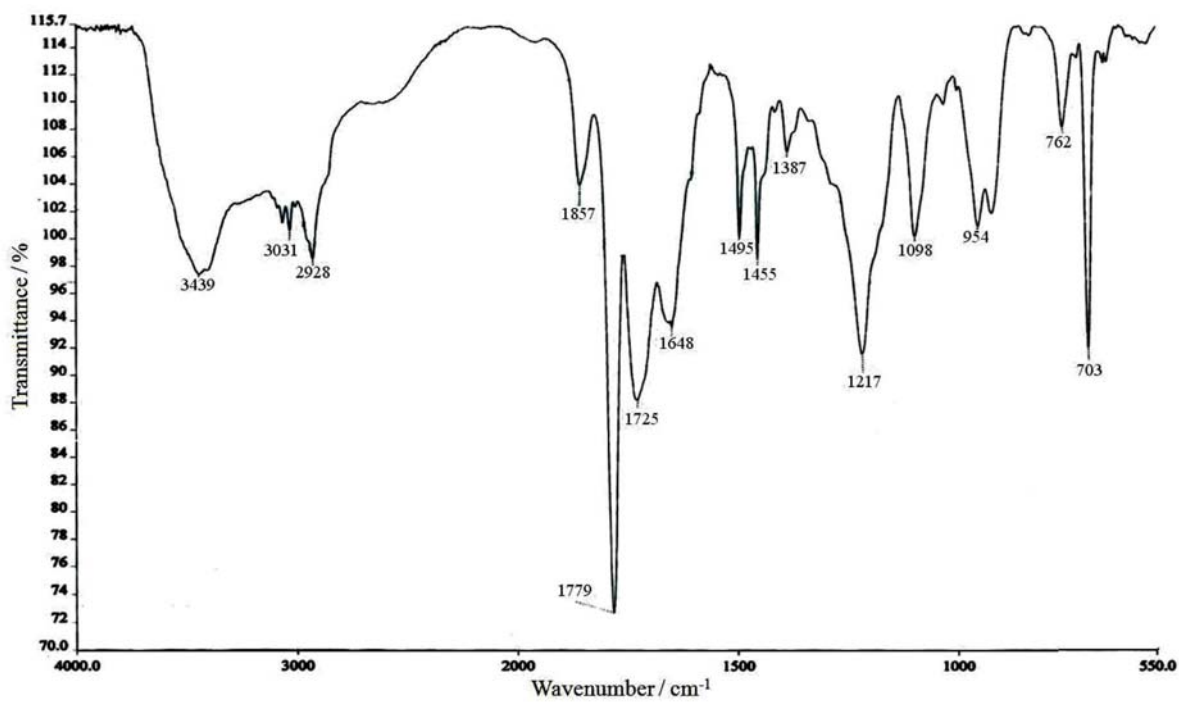


Figure S8. FTIR spectrum (KBr) of PSMA-ALE.

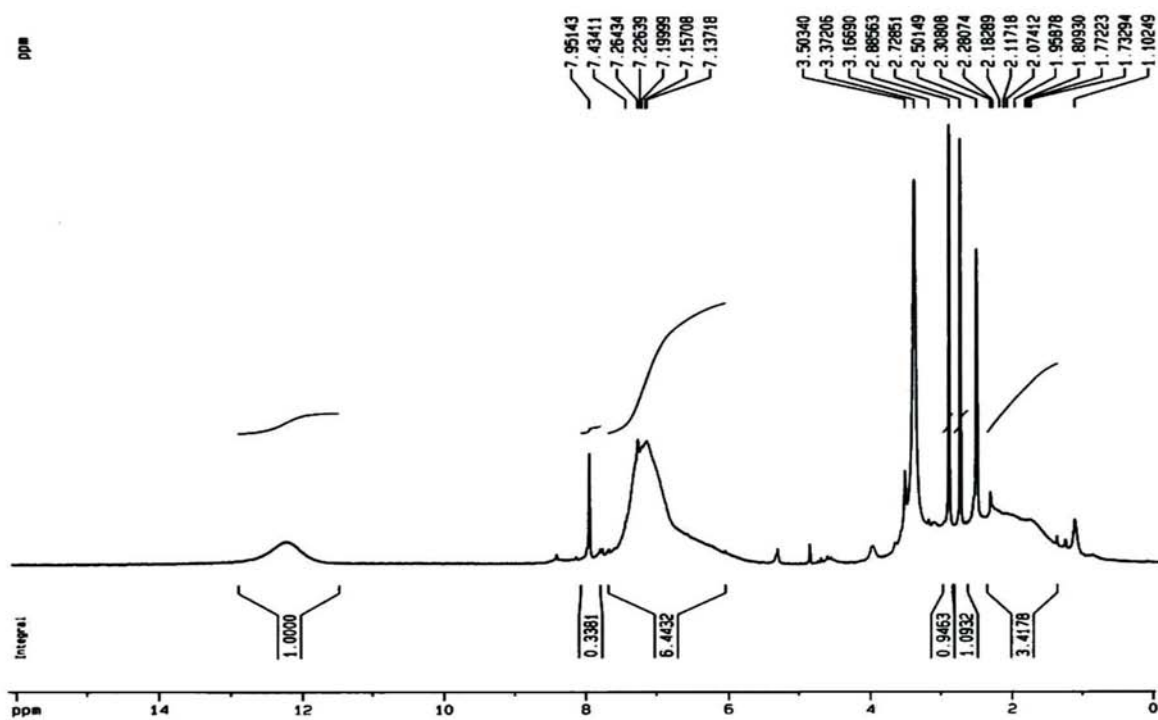


Figure S9.  $^1\text{H}$  NMR (300 MHz,  $\text{DMSO-}d_6$ ) spectrum of PSMA-ALE.

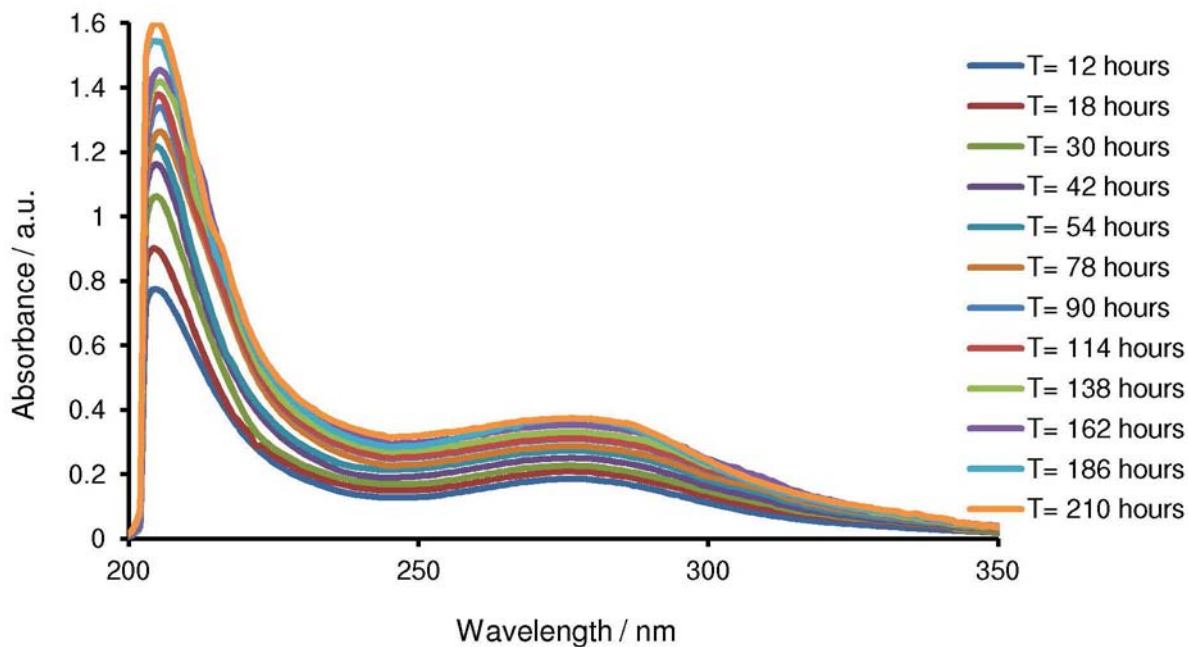


Figure S10. Release of gabapentin from PSMA-GBN undertaken in buffer pH 1.3 at 37 °C.

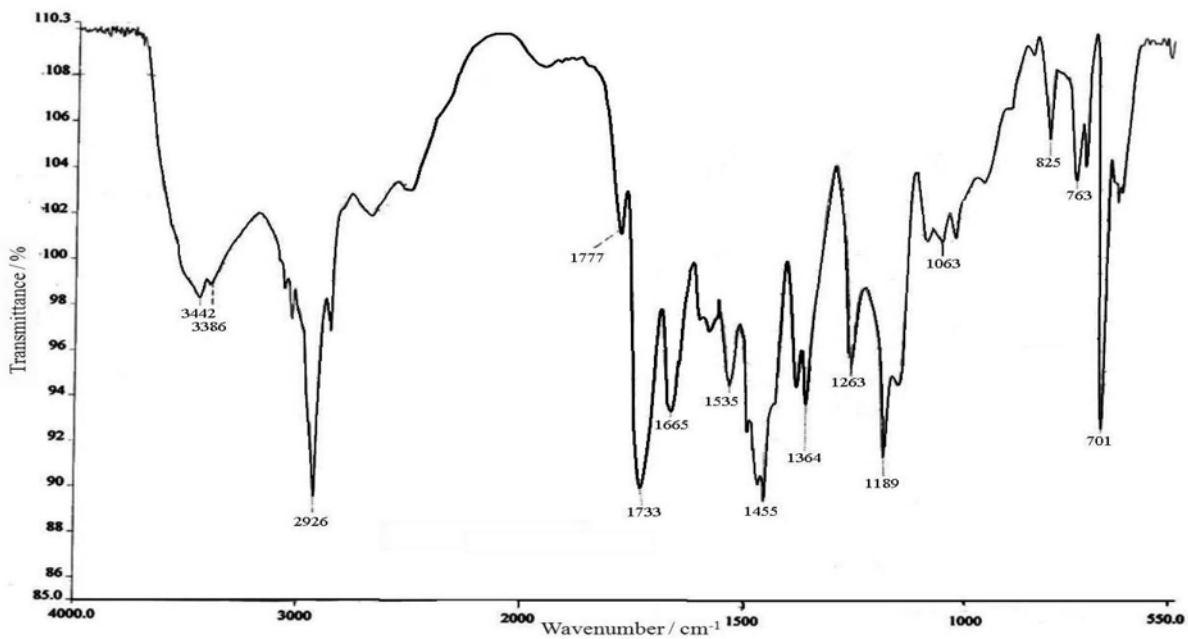


Figure S11. FTIR spectrum (KBr) of PSMA-GBN.

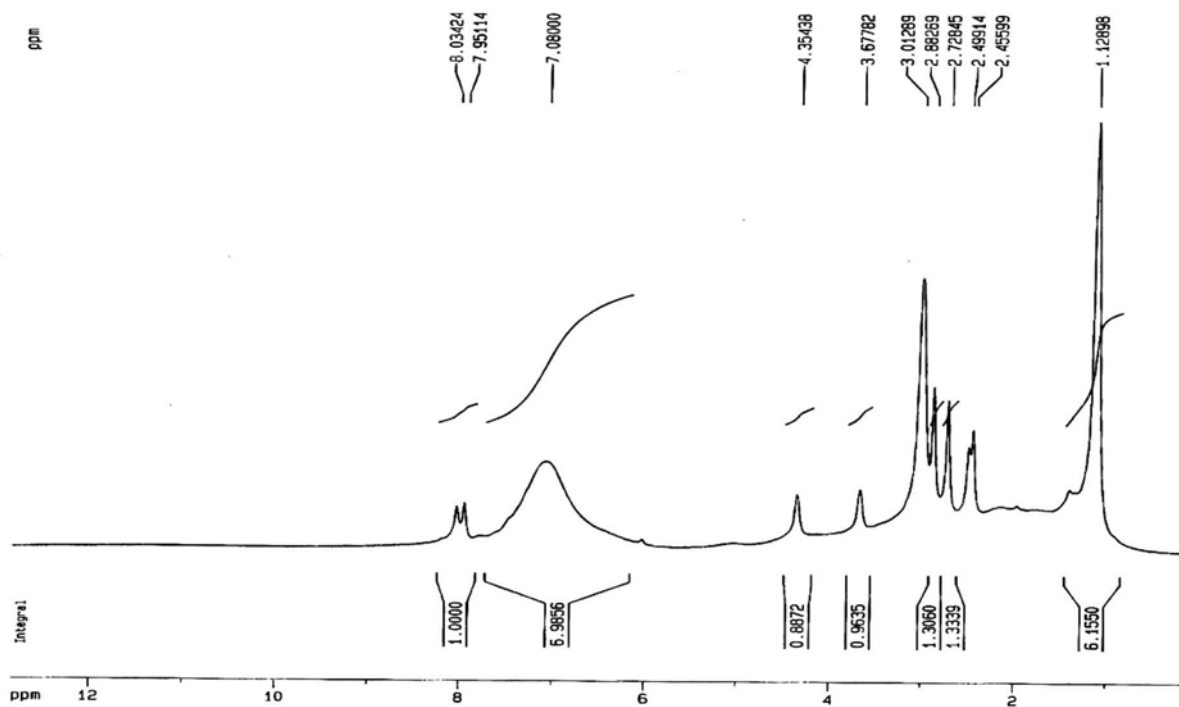


Figure S12.  $^1\text{H}$  NMR (300 MHz,  $\text{DMSO-}d_6$ ) spectrum of PSMA-GBN.

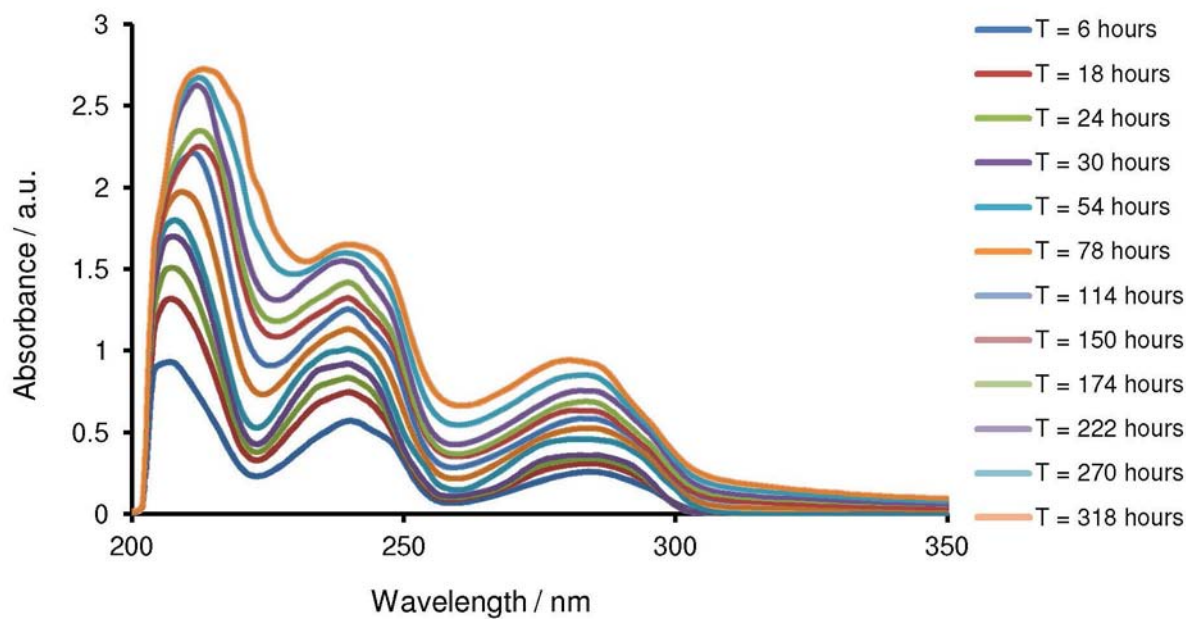


Figure S13. Release of zonisamide from PSMA-ZNE undertaken in buffer pH 1.3 at 37 °C.

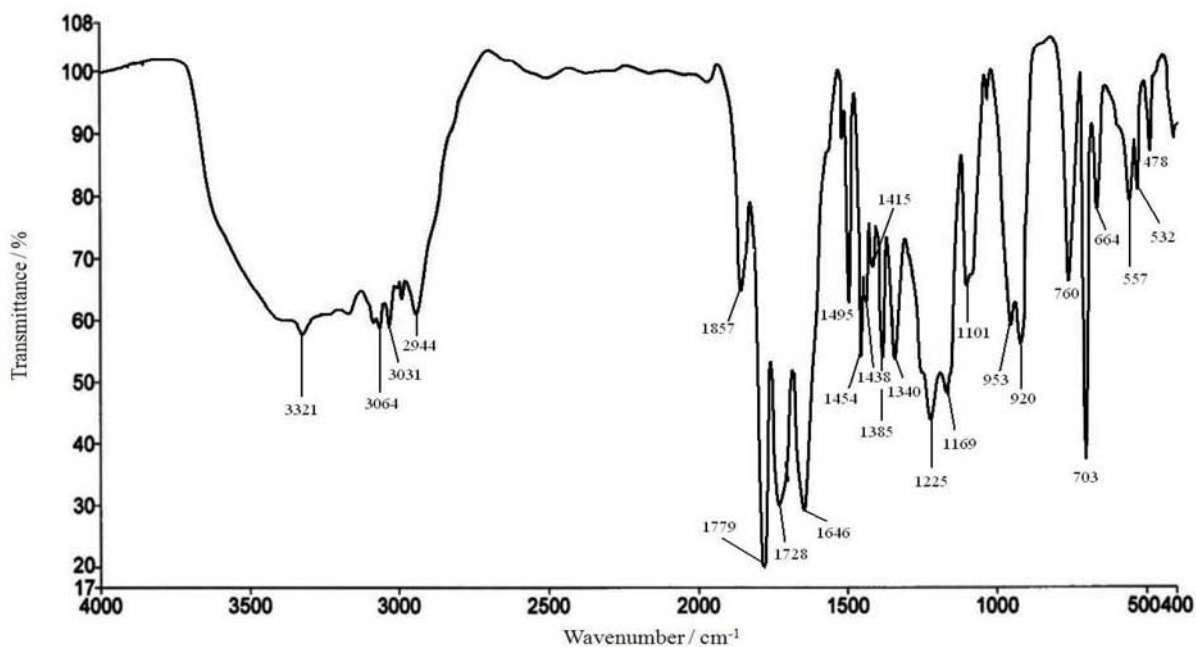


Figure S14. FTIR spectrum (KBr) of PSMA-ZNE.

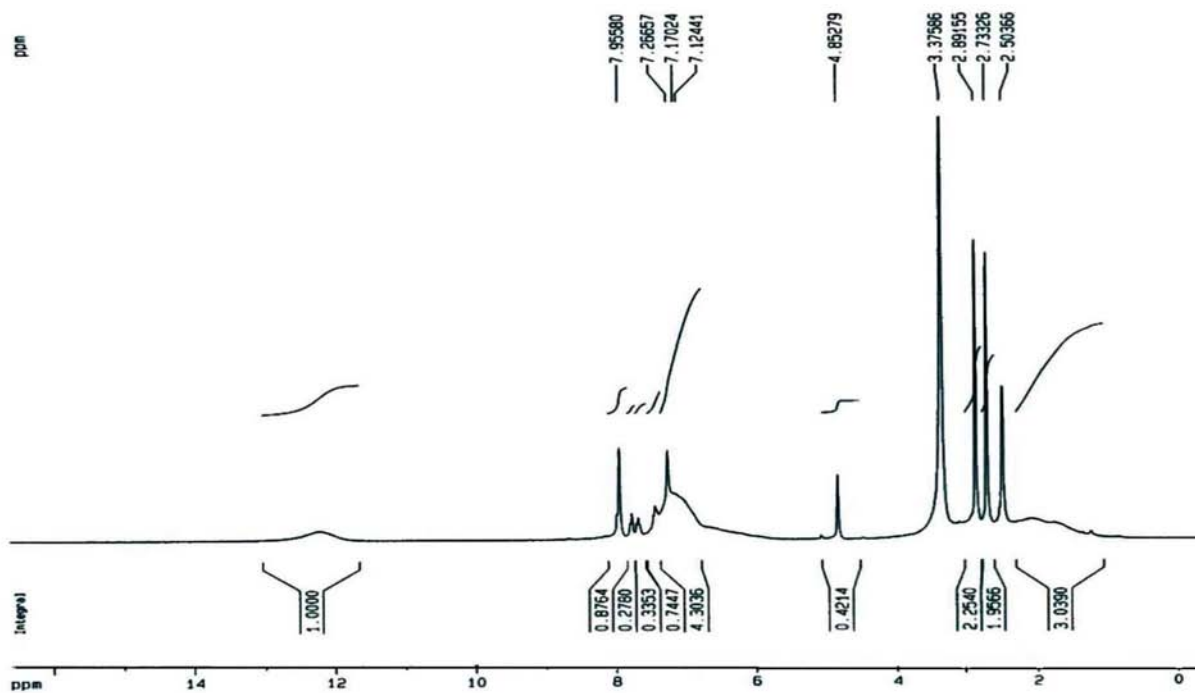


Figure S15. <sup>1</sup>H NMR (300 MHz, DMSO-*d*<sub>6</sub>) spectrum of PSMA-ZNE.



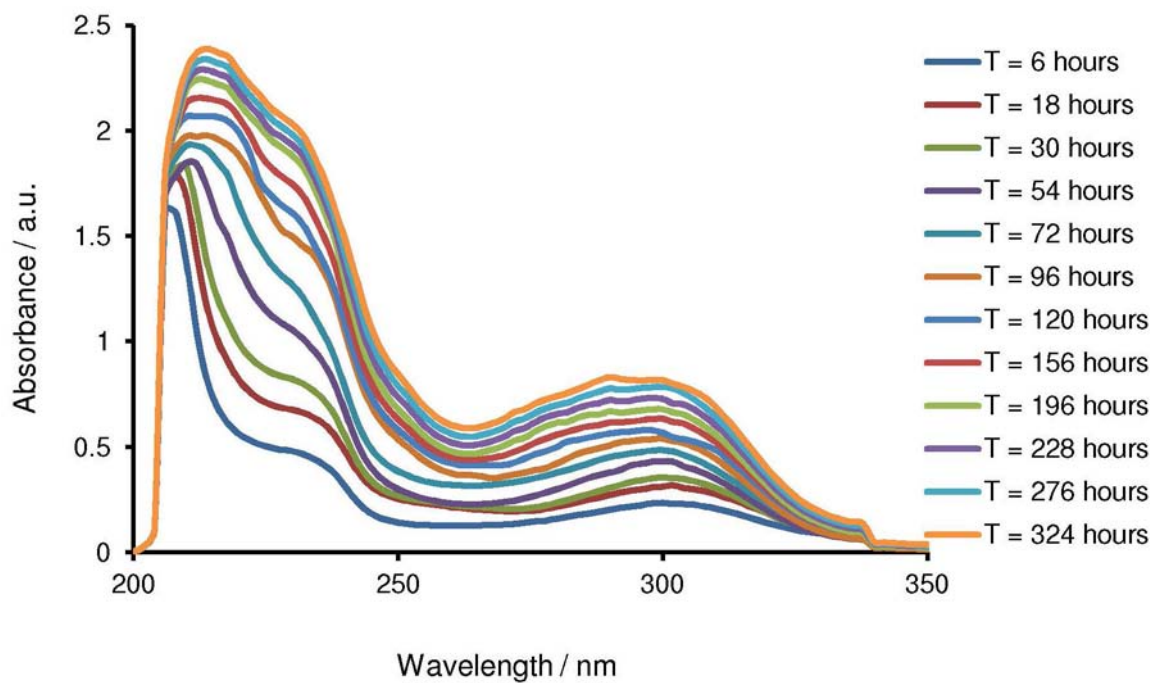


Figure S16. Release of mesalamine from PSMA-MSE undertaken in buffer pH 1.3 at 37 °C.

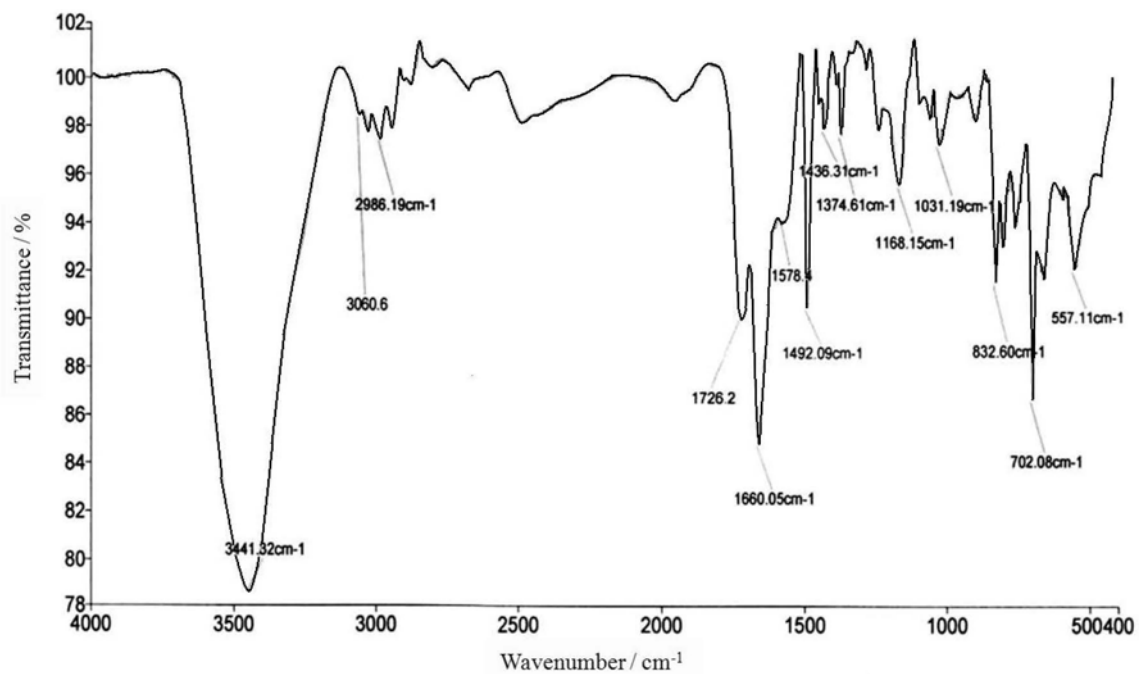


Figure S17. FTIR spectrum (KBr) of PSMA-MSE.

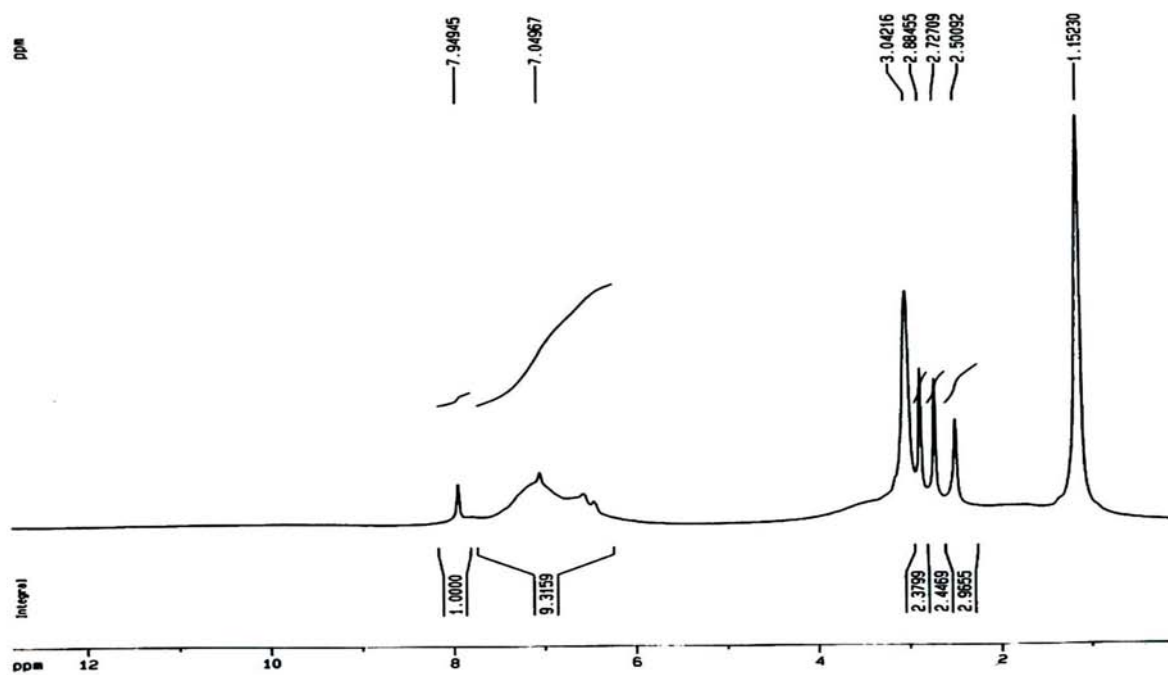


Figure S18.  $^1\text{H}$  NMR (300 MHz,  $\text{DMSO-}d_6$ ) spectrum of PSMA-MSE.