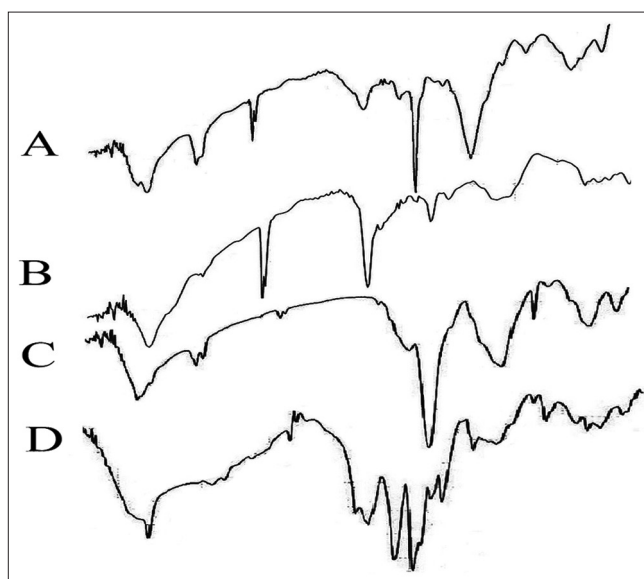


ORIGINAL RESEARCH ARTICLE

Dual-targeting and specific delivery of tamoxifen to cancer cells by modified magnetic nanoparticles using hyaluronic acid and folic acid

Supplementary File



**Figure S1.** FTIR spectra of (A)  $\text{Fe}_3\text{O}_4$ -DPN, (B)  $\text{Fe}_3\text{O}_4$ -DPN-HA, (C)  $\text{Fe}_3\text{O}_4$ -DPN-HA- $\text{NH}_2$ , and (D)  $\text{Fe}_3\text{O}_4$ -DPN-HA-FA.

**Table S1.** Primers used for RT-PCR

Gene	Primer sequence (5' to 3')
Bak1	Forward: TCTGGGACCTCCTTAGCCCT Reverse: AATGGGCTCTCACAAGGGTATT
Bclx	Forward: TGGAAAGCGTAGACAAGGAGA Reverse: TGCTGCATTGTTCCCATAGA
Caspase-3	Forward: TGCAGTCATTATGAGAGGCAAT Reverse: AAGGTTTGAGCCTTTGACCA
GAPDH	Forward: TTGCCATCAATGACCCCTTCA Reverse: CGCCCCACTTGATTTTGGGA

**Table S2.**  $\text{IC}_{50}$  (mg/mL) values in MTT assay

Compounds	48 h	72 h
Free TMX	0.003	0.003
$\text{Fe}_3\text{O}_4$ -DPN-HA-FA-TMX NPs	7.41	1.95