



Figure-S-2: Methodology of preparation of pluronic decorated citric acid capped lenvatinib loaded porous magnetic nanoclusters (PF127/CA/LEN@pMNCs) by coprecipitation method, followed by layer by technique



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Formula	JCPDS	20 JCPDS	2θ of bare pMNCs
Fe ₃ O ₄	19-0629	30.05	30.14
		35.42	35.38
		43.05	43.14
		53.40	53.56
		56.14	57.29
		62.52	62.79

Table-S-1: Comparative analysis of JCPDS 19-0629 and synthesized Fe_3O_4 magnetic nanoparticles (MNPs)

JCPDS and bare pMNCs indicate the joint committee on powder diffraction standards and porous magnetic nanoclusters

Table-S-2: Values for specific loss power and intrinsic loss power of pluronic decorated citric acid capped lenvatinib loaded porous magnetic nanoclusters (PF127/CA/LEN@pMNCs)

	<u> </u>		\sim 1	/
PF127/CA/	PF127/CA/	PF127/CA/	PF127/CA/	PF127/CA/
LEN@	LEN@	LEN@	LEN@	LEN@
pMNCs-1	pMNCs-2	pMNCs-3	pMNCs-4	pMNCs-5
8.41	4.37	15.28	10.79	7.50
	PF127/CA/ LEN@ pMNCs-1 8.41	PF127/CA/ PF127/CA/ LEN@ LEN@ pMNCs-1 pMNCs-2 8.41 4.37	PF127/CA/ PF127/CA/ PF127/CA/ LEN@ LEN@ LEN@ pMNCs-1 pMNCs-2 pMNCs-3 8.41 4.37 15.28	PF127/CA/ PF127/CA/ PF127/CA/ PF127/CA/ LEN@ LEN@ LEN@ LEN@ pMNCs-1 pMNCs-2 pMNCs-3 pMNCs-4 8.41 4.37 15.28 10.79

PF127/CA/LEN@pMNCs-1, PF127/CA/LEN@pMNCs-2, PF127/CA/LEN@pMNCs-3 PF127/CA/LEN@pMNCs-4 and PF127/CA/LEN@pMNCs-5 represent different sample concentrations 100, 50, 25, 10 and 5 mg/mL respectively of pluronic decorated citric acid capped lenvatinib loaded porous magnetic nanoclusters (PF127/CA/LEN@pMNCs)