

Supporting Information

Co-delivery of dihydroartemisinin and docetaxel in pH-sensitive nanoparticles for treating metastatic breast cancer via the NF- κ B/MMP-2 signal pathway

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The D/D NPs were prepared with different formulation, and through the physical characteristic to obtain an optimal formulation.

Table S1 The characteristic of D/D NPs with different formulation

Weight ratio of 4-arm-PEG-DTX/DHA	Particles (nm)	Size	PDI	Encapsulation efficiency of DHA (%)	Drug loading of DHA (%)
1:0	123.5 ± 10.5		0.098 ± 0.04		
6:1	410.8 ± 27.9		0.189 ± 0.10	50.2 ± 8.2	7.1 ± 1.0
9:1	192.3 ± 8.9		0.162 ± 0.08	68.3 ± 7.2	6.8 ± 0.7
12:1	142.5 ± 8.3		0.102 ± 0.03	90.1 ± 4.8	7.5 ± 0.5
15:1	138.8 ± 10.2		0.100 ± 0.05	93.2 ± 4.8	6.0 ± 0.3