

Table SI. Primers in real time quantitative PCR.

Gene	Sequence
Rat-TNF- α -F	5'-GGACCAGCCAGGAGGGAGAAC-3'
Rat-TNF- α -R	5'-CGCCACGAGCAGGAATGAGAAG-3'
Rat-cathepsin B-F	5'-CCTGCTGCTGTGGCTCTGTC-3'
Rat-cathepsin B-R	5'-GCTGGCGGGTGGCATCTG-3'
Rat- β -actin-F	5'-ACTATCGGCAATGAGCGGTTCC-3'
Rat- β -actin-R	5'-TGGCATAGAGGTCTTTACGGATGTC-3'

F, forward; R, reverse.

Table SII. Physicochemical properties of freshly prepared (n=4) and reconstituted (n=4) BLN.

Parameter	Freshly prepared	Reconstituted
Average diameter, nm	121.0±7.9	136.0±16.3
ζ potential, mV	-26.61±0.52	-19.1±1.3
PDI	0.17±0.01	0.19±0.02
Encapsulation efficiency, %	95.3±2.1	93.6±2.9
Rehydration time, sec		~10

PDI, poly dispersity index; BLN, BAPTA-AM loaded liposome nanoparticles.