



Supplemental Figure S1. The mRNA levels of autophagy related genes. HepG2 cells were treated with TSN for 6 h at different concentrations (5, 10, 20 μM). The mRNA levels of *Beclin1*, *ATG4B*, *ATG5*, *ATG7*, *ATG10*, *ATG12*, *LC3B* and *P62* was analyzed by quantitative real-time PCR. GAPDH was used as an internal control. Data are presented as the mean ± S.D. of three independent experiments. *p < 0.05, **p < 0.01 versus control.

Supplemental Table S1. Real-time PCR primers sequences

Gene	Forward sequence (5'-3')	Reverse sequence (5'-3')
<i>Beclin1</i>	CTGGACACTCAGCTAACGTCA	CTCTAGGCCAGCTCCTTAGC
<i>ATG4B</i>	ATGGGAGTTGGCGAAGGCAAGT	AGCTCCACGTATCGAACAGACAGC
<i>ATG5</i>	GCAGATGGACAGTTGCACACAC	GAGGTGTTCCAACATTGGCTCA
<i>ATG7</i>	AGCTAACGAGTATCGGCTG	GGTGGGAGCACTCATGTCAA
<i>ATG10</i>	TGGGAATGGAGACCATCAAAGG	GTA GCTCGAAAGCCTCCTCC
<i>ATG12</i>	GGGAAGGACTTACGGATGTCTC	AGGAGTGTCTCCCACAGCCTTT
<i>LC3B</i>	TTCGAGAGCAGCATCCAACC	GATTGGTGTGGAGACGCTGA
<i>P62</i>	TGTGTAGCGTCTCGCGAGGGAAA	AGTGTCCGTGTTCACCTCCG
<i>GAPDH</i>	TGCACCACTGCTTAGC	GGCATGGACTGTGGTCATGAG