Supplementary materials

A study to assess the vascular developmental toxicity of anticarcinogen toremifene in zebrafish (*Danio rerio*)

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I. Primer sequences

Table S1 HUVECs related genes primer sequences

Target gene	Primer Sequence(5′-3′)
GAPDH	Fwd: AAATCCCATCACCATCTTCCA
	Rev: AGCCCCAGCCTTCTCCAT
Integrinβ1	Fwd: CCCTTTCCTCAGAAGTCATTTTG
	Rev: CCATTTTCCCCTGTTCCATTC
Rho	Fwd: TCACCAGCACCCTCTACACCT
	Rev: GGCAAAGAAGCCCTCCAAA
ROCK	Fwd: ACCTTATTTGTGCCTTCCTTACTG
	Rev: CCCAAGCCCACTGGTCATTTT
p53	Fwd: TGGTAGTTTCTACAGTTGGGCAG
	Rev: TGTGGGATGGGGTGAGATTTC
MLC-1	Fwd: CCCCTGCTTCAGCCACAA
	Rev: ACAGCGCAAGTAATCCATCTCA

II. Figure S1

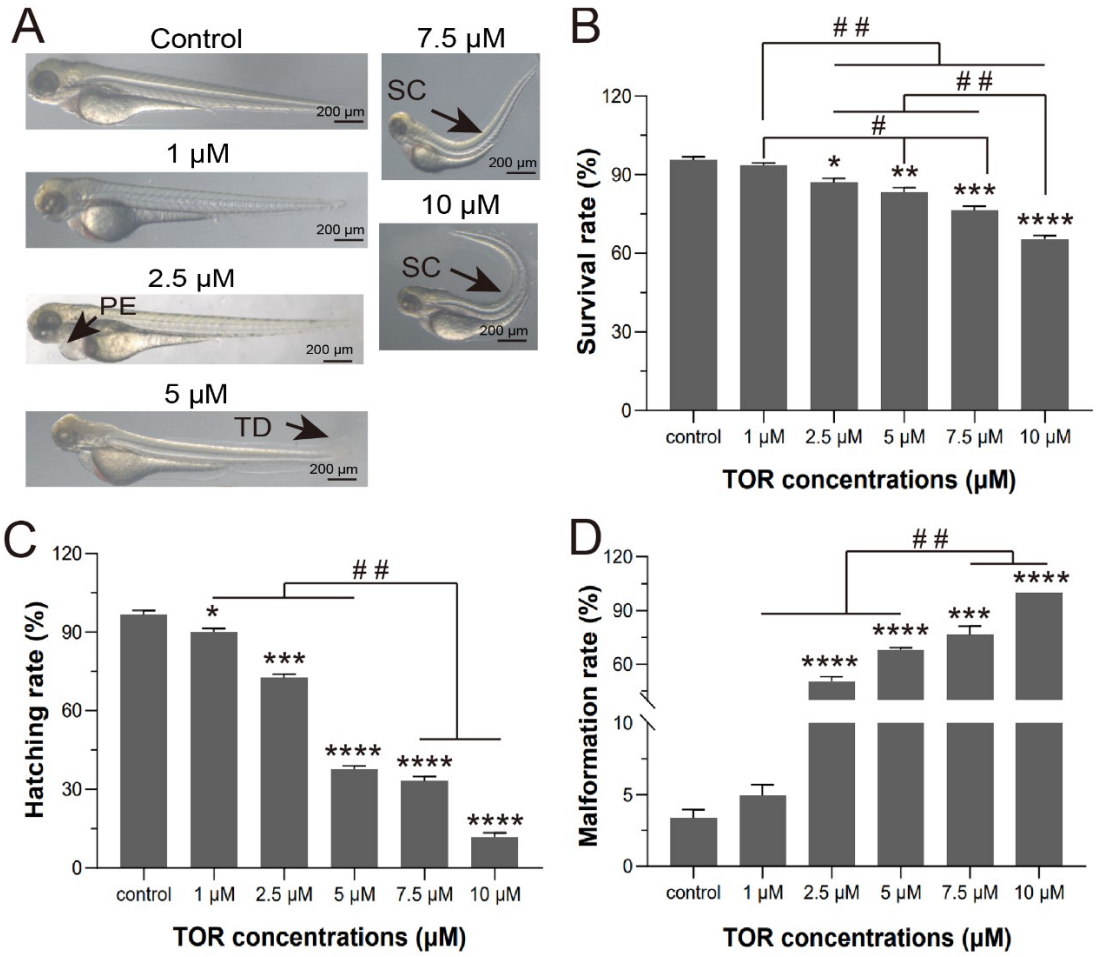

Fig. S1 Effects of TOR on zebrafish embryonic growth and development at 72 hpf. (A) Developmental phenotype. (B) Survival rate. (C) Hatching rate. (D) Malformation rate. In Fig. 1A, SC and PE represent spinal curvature and pericardial edema, respectively. The error line is the mean ± SEM (n = 3). Significance analysis of variance using t test: $^{*}P < 0.05$, $^{**}P < 0.01$, $^{***}P < 0.001$, $^{****}P < 0.0001$ versus control; $^{\#}P < 0.05$, $^{\#\#}P < 0.01$ versus between experimental group.