

Table S1. Lethal and teratogenic effects observed in zebrafish (*Danio rerio*) embryos at different hours post fertilization (hpf).

Category	Developmental Endpoints	Exposure Time (hpf)			
		24	48	72	96/120
Lethal effect	Coagulated eggs ^a	•	•	•	•
	Lack of the heart beating	•	•	•	•
Teratogenic effect	Malformation of head	•	•	•	•
	Malformation of eyes ^b	•	•	•	•
	Malformation of sacculi/otoliths ^c	•	•	•	•
	Malformation of chorda	•	•	•	•
	Malformation of tail ^d	•	•	•	•
	Scoliosis	•	•	•	•
	Yolk edema	•	•	•	•
	Liver necrosis			•	•
	Yolk deformation	•	•	•	•
	Growth retardation ^e		•	•	•
	Hatching			•	•
Cardiotoxicity	Pericardial edema		•	•	•
	Heart morphology			•	•
	Heart beating rate (beat/min)				•

^a No clear organs structure is recognized. ^b Malformation of eyes was recorded for the retardation in eye development and abnormality in shape and size. ^c Presence of none, one or more than two otoliths per sacculus, as well as reduction and enlargement of otoliths and/or sacculi (otic vesicles). ^d Tail malformation was recorded when the tail was bent, twisted or shorter than to control embryos as assessed by optical comparison. ^e Growth retardation was recorded by comparing with the control embryos in a body length (after hatching, at and onwards 72 hpf) using by optical comparison using an inverted microscope (CKX41; Olympus, Tokyo, Japan).