

Cover Sheet

Manuscript Title	Characterization of Synergistic Embryotoxicity of Nickel and Buprofezin in Zebrafish
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Total Pages	1
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1 **Table S1. Analyses of individual chemical- and mixture-concentration response**

	Nonlinear regression model ^A	Formula ^B	NOEC (mg/L) ^C
Ni	Hill	$y = a + (b - a) \times x^c / (k^c + x^c)$	200
Buprofezin	Langmuir	$y = 1 / (a + b \times x^{c-1})$	200
1:1 mix	Hill	$y = a + (b - a) \times x^c / (k^c + x^c)$	5

2 ^A Nonlinear regression functions employed in this study according to the "best fit" approach. ^B

3 y is the mean effect; a, b, c, and k are model parameters; and x is the concentration of the

4 test chemical. ^C The largest tested concentration that produced effects not significantly

5 different from those of untreated controls. Determined using the Dunnett test.