

Supplementary Data

SUPPLEMENTARY TABLE S1. SUMMARY OF COMPOUNDS USED IN THIS STUDY
FOR TOXICITY EVALUATION IN ZEBRAFISH LARVAE

<i>Name (synonym)</i>	<i>Supplier (city, country)</i>	<i>Supplier Cat. No.</i>	<i>Molecular weight^a (g/L)</i>	<i>Chemical class^b</i>
1 Aconitine	Sigma (Zwijndrecht, NL)	A8001	645.74	Alkaloid
2 Atropine	BDH (Poole, United Kingdom)	27276	289.38	Alkaloid
3 Berberine chloride	Sigma (Zwijndrecht, NL)	B3251	371.81	Alkaloid
4 Colchicine	Sigma (Zwijndrecht, NL)	C3915	399.44	Alkaloid
5 Coniine	Sigma (Zwijndrecht, NL)	C9392	127.23	Alkaloid
6 α -Lobeline hydrochloride	Sigma (Zwijndrecht, NL)	62630	373.92	Alkaloid
7 Morphine hydrochloride	Sigma (Zwijndrecht, NL)	67357	423.89	Alkaloid
8 Nicotine	Sigma (Zwijndrecht, NL)	N3876	162.26	Alkaloid
9 Quinine sulfate	Sigma (Zwijndrecht, NL)	Q0132	391.47	Alkaloid
10 (-)-Scopolamine hydrobromide trihydrate	Sigma (Zwijndrecht, NL)	S1875	438.31	Alkaloid
11 Strychnine hydrochloride	Sigma (Zwijndrecht, NL)	S8753	370.87	Alkaloid
12 Theobromine	Sigma (Zwijndrecht, NL)	T4500	180.16	Alkaloid
13 (+)-Tubocurarine chloride hydrate	Sigma (Zwijndrecht, NL)	T2379	681.65	Alkaloid
14 Yohimbine hydrochloride	Sigma (Zwijndrecht, NL)	Y3125	390.90	Alkaloid
15 Amygdalin	Sigma (Zwijndrecht, NL)	A6005	457.43	Glycoside
16 Arbutin	Sigma (Zwijndrecht, NL)	A4256	272.25	Glycoside
17 Convallatoxin	Sigma (Zwijndrecht, NL)	C9140	550.64	Glycoside
18 Coumarin	Sigma (Zwijndrecht, NL)	C4261	383644	Glycoside
19 Digitoxin	Sigma (Zwijndrecht, NL)	D5878	764.94	Glycoside
20 Gentamycin sulfate	Duchefa (Haarlem, NL)	G0124	575.67	Glycoside
21 Glycyrrhizin	Sigma (Zwijndrecht, NL)	50531	839.96	Glycoside
22 Hesperidin	Sigma (Zwijndrecht, NL)	H5254	610.56	Glycoside
23 Kanamycin monosulfate	Duchefa (Haarlem, NL)	K0126.0005	582.6	Glycoside
24 Naringin	Sigma (Zwijndrecht, NL)	N1376	580.53	Glycoside
25 Neohesperidin	Sigma (Zwijndrecht, NL)	N1887	610.56	Glycoside
26 Ouabain octahydrate	Sigma (Zwijndrecht, NL)	O3125	728.77	Glycoside
27 Phloridzin dihydrate	Sigma (Zwijndrecht, NL)	P3449	472.44	Glycoside
28 Rutin hydrate	Sigma (Zwijndrecht, NL)	R5143	610.52	Glycoside
29 Streptomycin sulfate	Sigma (Zwijndrecht, NL)	S6501	1457.38	Glycoside
30 Cadmium(II) chloride	Sigma (Zwijndrecht, NL)	439800	479.67	Inorganic salt
31 Copper(II) nitrate trihydrate	Merck KGaA, Darmstadt, Germany	A911353	241.60	Inorganic salt
32 Lead acetate trihydrate	BDH (Poole, United Kingdom)	10142	379.33	Inorganic salt
33 Lithium chloride	JTB	0157	42.39	Inorganic salt
34 Chloramphenicol	Sigma (Zwijndrecht, NL)	C0378	323.15	Alcohol
35 Ethanol	Merck KGaA, Darmstadt, Germany	100971	46.07	Alcohol
36 Glycerol	BDH (Poole, United Kingdom)	K33625960	92.11	Alcohol
37 Tween 80	Sigma (Zwijndrecht, NL)	P1754	1310	Alcohol
38 Acetic acid	Merck KGaA, Darmstadt, Germany	K30123563	60.05	Carboxylic acid
39 Salicylic acid	Sigma (Zwijndrecht, NL)	S0875	138.12	Carboxylic acid
40 Sodium oxalate	Sigma (Zwijndrecht, NL)	71800	134	Carboxylic acid
41 Trichloroacetic acid	BDH, VWR Leuven, Belgium	20741.290	163.38	Carboxylic acid
42 Ampicillin sodium	Duchefa (Haarlem, NL)	A0104.0025	371.4	Amide
43 Cyclophosphamide monohydrate, cytoxan	Sigma (Zwijndrecht, NL)	C0768	279.1	Phosphor amide mustard
44 Paracetamol (Acetaminophen)	Sigma (Zwijndrecht, NL)	A7085	151.17	Amide
45 Phenacetin	Sigma (Zwijndrecht, NL)	77440	179.22	Amide
46 Benserazide hydrochloride	Sigma (Zwijndrecht, NL)	B7283	293.70	Hydrazine
47 Chlorpromazine hydrochloride	Sigma (Zwijndrecht, NL)	C8138	355.33	Phenothiazine
48 Isoniazid	Sigma (Zwijndrecht, NL)	I3377	137.14	Hydrazine
49 Phenelzine sulfate	Sigma (Zwijndrecht, NL)	P6777	234.27	Hydrazine

(continued)

SUPPLEMENTARY TABLE S1. (CONTINUED)

<i>Name (synonym)</i>	<i>Supplier (city, country)</i>	<i>Supplier Cat. No.</i>	<i>Molecular weight^a (g/L)</i>	<i>Chemical class^b</i>
50 Ethambutol dihydrochloride	Sigma (Zwijndrecht, NL)	E4630	277.2	Ethylenediamine
51 Verapamil hydrochloride	Sigma (Zwijndrecht, NL)	381175	491.1	Phenethylamine
52 Phenol	BDH (Poole, United Kingdom)	10188	94.11	Phenol
53 Sodium azide	Sigma (Zwijndrecht, NL)	S8032	65.01	Inorganic azide
54 Dimethyl sulfoxide	Sigma (Zwijndrecht, NL)	60153	78.13	Sulfoxide
55 Formaldehyde	Sigma (Zwijndrecht, NL)	25254-9	30.03	Aldehyde
56 Phenformin hydrochloride	Sigma (Zwijndrecht, NL)	P7045	241.72	Biguanide
57 Ropinirole hydrochloride	Sigma (Zwijndrecht, NL)	R2530	296.84	Indole
58 Amitriptyline hydrochloride	Sigma (Zwijndrecht, NL)	A8404	313.87	Dibenzocycloheptene
59 Sodium dodecyl sulfate	LKB (Broma, Sweden)	1836	289.43	Alkane sulfonate
60 Barbitol sodium	BUFA (Ijsselstein, NL)	175310	206.2	Barbiturate

These compounds were also used by us in previous study of zebrafish embryo toxicology.¹

^aFrom The Merck Index.⁸⁷

^bFrom the Pubchem database at <http://pubchem.ncbi.nlm.nih.gov/>