Experiment 1

Aspirin

Concentration [mM]

Vitality [%]

EC₁₀ = 4.139 mM

Experiment 2

Aspirin

Concentration [mM]

Vitality [%]

EC₁₀ = 1.761 mM

Experiment 3

Aspirin

Concentration [mM]

Vitality [%]

EC₁₀ = 4.069 mM
Experiment 1

Buspirone

EC_{10} = 0.243 mM

Experiment 2

Buspirone

EC_{10} = 0.176 mM

Experiment 3

Buspirone

EC_{10} = 0.258 mM
Carbamazepine

**Experiment 1**

EC$_{10} = 0.204$ mM

**Experiment 2**

EC$_{10} = 0.239$ mM

**Experiment 3**

EC$_{10} = 0.204$ mM
**Chlorpheniramine**

**Experiment 1**

EC$_{10}$ = 0.081 mM

**Experiment 2**

EC$_{10}$ = 0.068 mM

**Experiment 3**

EC$_{10}$ = 0.084 mM
Clonidine
Experiment 1

EC_{10} = 0.336 mM

Vitality [%] vs. Concentration [mM]

Clonidine
Experiment 2

EC_{10} = 0.422 mM

Vitality [%] vs. Concentration [mM]

Clonidine
Experiment 3

EC_{10} = 0.403 mM

Vitality [%] vs. Concentration [mM]
Diclofenac

Experiment 1

EC_{10} = 0.272 mM

Experiment 2

EC_{10} = 0.256 mM

Experiment 3

EC_{10} = 0.147 mM
**Ethanol**

**Experiment 1**

EC\textsubscript{10} = 62.399 mM

**Experiment 2**

EC\textsubscript{10} = 175.131 mM

**Experiment 3**

EC\textsubscript{10} = 212.209 mM
Experiment 1

Famotidine

EC\textsubscript{10} = 1.189 mM

Experiment 2

Famotidine

EC\textsubscript{10} = 1.241 mM

Experiment 3

Famotidine

EC\textsubscript{10} = 1.378 mM
Hydroxyzine

Experiment 1

EC\textsubscript{10} = 0.067 mM

Hydroxyzine

Experiment 2

EC\textsubscript{10} = 0.097 mM

Hydroxyzine

Experiment 3

EC\textsubscript{10} = 0.032 mM
Experiment 1

**Isoniazid**

EC\textsubscript{10} = 2.665 mM

Experiment 2

**Isoniazid**

EC\textsubscript{10} = 6 mM

Experiment 3

**Isoniazid**

EC\textsubscript{10} = 12.553 mM
Experiment 1: 
EC_{10} = 0.018 mM

Experiment 2: 
EC_{10} = 0.014 mM

Experiment 3: 
EC_{10} = 0.002 mM
**Experiment 1**

EC_{10} = 0.068 mM

**Experiment 2**

EC_{10} = 0.021 mM

**Experiment 3**

EC_{10} = 0.003 mM
Levofloxacin

Experiment 1

EC_{10} = 0.273 mM

Experiment 2

EC_{10} = 0.038 mM

Experiment 3

EC_{10} = 0.224 mM
Experiment 1

Melatonin

$EC_{10} = 0.968\text{ mM}$

Vitality [%] vs Concentration [mM]

Experiment 2

Melatonin

$EC_{10} = 1.898\text{ mM}$

Vitality [%] vs Concentration [mM]

Experiment 3

Melatonin

$EC_{10} = 2.863\text{ mM}$

Vitality [%] vs Concentration [mM]
Methylparabene

Experiment 1

$EC_{10} = 2.374 \text{ mM}$

Experiment 2

$EC_{10} = 1.481 \text{ mM}$

Experiment 3

$EC_{10} = 2.356 \text{ mM}$
N-Acetylcysteine

Experiment 1

EC_{10} > 10 mM

Vitality [%] vs Concentration [mM]

Experiment 2

EC_{10} > 10 mM

Vitality [%] vs Concentration [mM]

Experiment 3

EC_{10} > 10 mM

Vitality [%] vs Concentration [mM]
Phenylbutazone

Experiment 1

EC_{10} = 0.059 mM

Experiment 2

EC_{10} = 0.077 mM

Experiment 3

EC_{10} = 0.162 mM
Concentration [mM]  Vitality [%]

Promethazine

Experiment 1

EC_{10} = 0.018 mM

Experiment 2

EC_{10} = 0.031 mM

Experiment 3

EC_{10} = 0.024 mM
**Experiment 1**

Propranolol

$EC_{10} = 0.053 \text{ mM}$

**Experiment 2**

Propranolol

$EC_{10} = 0.043 \text{ mM}$

**Experiment 3**

Propranolol

$EC_{10} = 0.041 \text{ mM}$
Experiment 1

Rifampicin

EC$_{10}$ = 0.507 mM

Vitality [%] vs Concentration [mM]

Experiment 2

Rifampicin

EC$_{10}$ = 0.022 mM

Vitality [%] vs Concentration [mM]

Experiment 3

Rifampicin

EC$_{10}$ = 0.919 mM

Vitality [%] vs Concentration [mM]
Experiment 1

**Vitamin C**

EC$_{10} = 1.629$ mM

Experiment 2

**Vitamin C**

EC$_{10} = 1.094$ mM

Experiment 3

**Vitamin C**

EC$_{10} = 0.701$ mM
Valproic acid

Experiment 1

EC_{10} = 0.756 mM

Valproic acid

Experiment 2

EC_{10} = 0.373 mM

Valproic acid

Experiment 3

EC_{10} = 0.486 mM
Experiment 1

\[ EC_{10} = 0.259 \text{ mM} \]

Butylparaben

Experiment 2

\[ EC_{10} > 1 \text{ mM} \]

Experiment 3

\[ EC_{10} > 1 \text{ mM} \]
Ethylparaben

Experiment 1

\[ \text{EC}_{10} = 0.621 \text{ mM} \]

Experiment 2

\[ \text{EC}_{10} = 0.324 \text{ mM} \]

Experiment 3

\[ \text{EC}_{10} = 0.887 \text{ mM} \]
Experiment 1

Isobutylparaben

$EC_{10} = 0.296$ mM

Experiment 2

Isobutylparaben

$EC_{10} = 0.61$ mM

Experiment 3

Isobutylparaben

$EC_{10} = 0.307$ mM
Propylparaben

**Experiment 1**

EC_{10} = 0.749 mM

**Experiment 2**

EC_{10} > 1 mM

**Experiment 3**

EC_{10} = 0.796 mM
Experiment 1

Vitality [%]  Concentration [mM]

EC₁₀ = 0.368 mM

Experiment 2

Vitality [%]  Concentration [mM]

EC₁₀ = 0.129 mM

Experiment 3

Vitality [%]  Concentration [mM]

EC₁₀ = 0.346 mM
Nevirapine

Experiment 1

Concentration [mM]
0 0.01 0.1 1

Vitality [%]
0 20 40 60 80 100

EC₁₀ = 0.787 mM

Experiment 2

Concentration [mM]
0 0.01 0.1 1

Vitality [%]
0 20 40 60 80 100

EC₁₀ = 0.289 mM

Experiment 3

Concentration [mM]
0 0.01 0.1 1

Vitality [%]
0 20 40 60 80 100

EC₁₀ = 0.078 mM
Troglitazone

Experiment 1

EC\text{10} < 0.0002 \text{ mM}

Experiment 2

EC\text{10} = 0.029 \text{ mM}

Experiment 3

EC\text{10} = 0.013 \text{ mM}
Pulegone HepG2

Experiment 1

\[ EC_{10} = 3.918 \text{ mM} \]

Vitality [%]

Concentration [mM]

Experiment 2

\[ EC_{10} = 2.141 \text{ mM} \]

Vitality [%]

Concentration [mM]

Experiment 3

\[ EC_{10} = 1.789 \text{ mM} \]

Vitality [%]

Concentration [mM]