Acetaminophen

Experiment 1

GSH content [%] vs. Concentration [mM]

EC₁₀ = 2.274 mM

Experiment 2

GSH content [%] vs. Concentration [mM]

EC₁₀ = 26.387 mM

Experiment 3

GSH content [%] vs. Concentration [mM]

EC₁₀ = 1.852 mM
Aspirin

Experiment 1

EC_{10} = 8.245 \text{ mM}

Concentration [mM] vs. GSH content [%]

Experiment 2

EC_{10} = 8.054 \text{ mM}

Concentration [mM] vs. GSH content [%]

Experiment 3

EC_{10} = 4.275 \text{ mM}

Concentration [mM] vs. GSH content [%]
Experiment 1:
EC_{10} = 0.486 mM

Experiment 2:
EC_{10} = 0.576 mM

Experiment 3:
EC_{10} = 0.488 mM
Concentration [mM]  
GSH content [%]  

EC<sub>10</sub> = 0.283 mM  

Carbamazepine  
Experiment 1  

EC<sub>10</sub> = 0.233 mM  

Carbamazepine  
Experiment 2  

EC<sub>10</sub> = 0.428 mM  

Carbamazepine  
Experiment 3
Concentration [mM] vs. GSH content [%]

**Experiment 1**
- Clonidine
- EC_{10} = 1.737 mM

**Experiment 2**
- Clonidine
- EC_{10} = 0.751 mM

**Experiment 3**
- Clonidine
- EC_{10} = 1.281 mM
Diclofenac

Experiment 1

GSH content [%] vs Concentration [mM]

EC₁₀ = 0.027 mM

Experiment 2

GSH content [%] vs Concentration [mM]

EC₁₀ = 0.016 mM

Experiment 3

GSH content [%] vs Concentration [mM]

EC₁₀ = 0.017 mM
Experiment 1
EC_{10} = 176.877 mM

Experiment 2
EC_{10} = 322.643 mM

Experiment 3
EC_{10} = 541.552 mM
Hydroxyzine

Experiment 1

EC<sub>10</sub> = 0.01 mM

Hydroxyzine

Experiment 2

EC<sub>10</sub> = 0.026 mM

Hydroxyzine

Experiment 3

EC<sub>10</sub> = 0.011 mM
Isoniazid

Experiment 1

$EC_{10} = 2.192 \text{ mM}$

Experiment 2

$EC_{10} = 2.475 \text{ mM}$

Experiment 3

$EC_{10} = 5.553 \text{ mM}$
Ketoconazole

Experiment 1

EC_{10} = 0.005 mM

Experiment 2

EC_{10} = 0.021 mM

Experiment 3

EC_{10} = 0.002 mM
Levofloxacin

Experiment 1

EC₁₀ < 0.02 mM

Concentration [mM]

GSH content [%]

Levofloxacin

Experiment 2

EC₁₀ = 0.268 mM

Concentration [mM]

GSH content [%]

Levofloxacin

Experiment 3

EC₁₀ < 0.02 mM

Concentration [mM]

GSH content [%]
Melatonin

Experiment 1

EC$_{10}$ = 0.951 mM

GSH content [%]

Concentration [mM]

0 0.1 1 10

0 20 40 60 80 100 120

Melatonin

Experiment 2

EC$_{10}$ = 0.224 mM

GSH content [%]

Concentration [mM]

0 0.1 1 10

0 20 40 60 80 100 120

Melatonin

Experiment 3

EC$_{10}$ = 1.818 mM

GSH content [%]

Concentration [mM]

0 0.1 1 10

0 20 40 60 80 100 120
Methylparabene
Experiment 1

GSH content [%]

Concentration [mM]

EC<sub>10</sub> > 0.316 mM

Methylparabene
Experiment 2

GSH content [%]

Concentration [mM]

EC<sub>10</sub> > 0.316 mM

Methylparabene
Experiment 3

GSH content [%]

Concentration [mM]

EC<sub>10</sub> > 0.316 mM
N-Acetylcysteine

Experiment 1

$EC_{10} = 0.53 \text{ mM}$

Concentration [mM]

GSH content [%]

N-Acetylcysteine

Experiment 2

$EC_{10} > 10 \text{ mM}$

Concentration [mM]

GSH content [%]

N-Acetylcysteine

Experiment 3

$EC_{10} > 10 \text{ mM}$

Concentration [mM]

GSH content [%]
Nitrofurantoin

**Experiment 1**

$\text{EC}_{10} = 0.019 \text{ mM}$

**Experiment 2**

$\text{EC}_{10} = 0.017 \text{ mM}$

**Experiment 3**

$\text{EC}_{10} = 0.006 \text{ mM}$
Nimesulide

**Experiment 1**

- EC$_{10}$ = 0.105 mM

**Experiment 2**

- EC$_{10}$ = 0.072 mM

**Experiment 3**

- EC$_{10}$ = 0.069 mM
Propranolol
Experiment 1

EC_{10} = 0.026 mM

Propranolol
Experiment 2

EC_{10} = 0.019 mM

Propranolol
Experiment 3

EC_{10} = 0.055 mM
Triclosan

Experiment 1

EC_{10} = 0.058 \text{ mM}

GSH content [%]

Concentration [mM]

0 0.001 0.01 0.1

Triclosan

Experiment 2

EC_{10} = 0.008 \text{ mM}

GSH content [%]

Concentration [mM]

0 0.001 0.01 0.1

Triclosan

Experiment 3

EC_{10} = 0.021 \text{ mM}

GSH content [%]

Concentration [mM]

0 0.001 0.01 0.1
Vitamin C

Experiment 1

\[ EC_{10} = 2.366 \text{ mM} \]

Vitamin C

Experiment 2

\[ EC_{10} = 2.238 \text{ mM} \]

Vitamin C

Experiment 3

\[ EC_{10} = 0.718 \text{ mM} \]
Valproic acid

**Experiment 1**

EC\(_{10}\) = 8.366 mM

**Experiment 2**

EC\(_{10}\) = 2.019 mM

**Experiment 3**

EC\(_{10}\) = 4.369 mM