Resmethrin (1 compartment)

<table>
<thead>
<tr>
<th>Time (h)</th>
<th>Concentration (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10^-1</td>
</tr>
<tr>
<td>5</td>
<td>10^-3</td>
</tr>
<tr>
<td>10</td>
<td>10^-1</td>
</tr>
<tr>
<td>15</td>
<td>10^-3</td>
</tr>
</tbody>
</table>

Source
- in vitro predicted
- NHEERL 2015

0.8 mg/kg iv

4 mg/kg po

Source
- NHEERL 2015
Carbendazim (1 compartment): Optimizer Failed, No Curve Fit

Source
- TNO Lit. Review

1000 mg/kg po
Cyclanilide (1 compartment)

<table>
<thead>
<tr>
<th>Source</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHEERL 2015</td>
<td>in vitro predicted</td>
</tr>
</tbody>
</table>

0.2 mg/kg iv

1 mg/kg po

Source
- in vitro predicted
- NHEERL 2015

Concentration (mg/L)

Time (h)
Novaluron (1 compartment)

0.4 mg/kg iv

2 mg/kg po

Source
- in vitro predicted
- NHEERL 2015

Concentration (mg/L)

Time (h)

Source
- NHEERL 2015

0.4 mg/kg iv

2 mg/kg po
Simazine (1 compartment)

<table>
<thead>
<tr>
<th>Source</th>
<th>Concentration (mg/L)</th>
<th>Time (h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.4 mg/kg iv</td>
<td>10^{-2}</td>
<td>0, 1, 2, 3, 4, 5</td>
</tr>
<tr>
<td>2 mg/kg po</td>
<td>1</td>
<td>0, 1, 2, 3, 4, 5</td>
</tr>
</tbody>
</table>

Source:
- in vitro predicted
- NHEERL 2015

NHEERL 2015
Pyrithiobac sodium (1 compartment)

- **0.2 mg/kg iv**
- **1 mg/kg po**

Source
- RTI 2015

Concentration (mg/L) vs Time (h)
Imidacloprid (1 compartment): Optimizer Failed, No Curve Fit

- 1 mg/kg iv
- 5 mg/kg po

Source
- NHEERL 2015
Flufenacet (1 compartment)

1 mg/kg iv

5 mg/kg po

Source
- RTI 2015

Source
- in vitro predicted
- RTI 2015

Concentration (mg/L) vs. Time (h)
Bosentan (1 compartment): Optimizer Failed, No Curve Fit

Source

- TNO Lit. Review
Diclofenac (1 compartment): Optimizer Failed, No Curve Fit

Source

- TNO Lit. Review
Etoxazole (1 compartment)

### 0.4 mg/kg iv

- Concentration (mg/L) vs. Time (h)

### 2 mg/kg po

- Concentration (mg/L) vs. Time (h)

**Source**
- in vitro predicted
- NHEERL 2015

**Legend**
- Orange dots: NHEERL 2015
Ibuprofen (1 compartment)

<table>
<thead>
<tr>
<th>Source</th>
<th>2.5 mg/kg iv</th>
<th>25 mg/kg iv</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source</td>
<td>TNO Lit. Review</td>
<td>TNO Lit. Review</td>
</tr>
<tr>
<td>Source</td>
<td>in vitro predicted</td>
<td>in vitro predicted</td>
</tr>
<tr>
<td>Source</td>
<td>TNO Lit. Review</td>
<td>TNO Lit. Review</td>
</tr>
</tbody>
</table>

Concentration (mg/L) vs Time (h) for 2.5 mg/kg iv and 25 mg/kg iv.
Alachlor (1 compartment)

Source
- in vitro predicted
- RTI 2015

1 mg/kg iv

5 mg/kg po

Time (h)

Concentration (mg/L)

Source
- RTI 2015
Chloridazon (1 compartment)

- **0.8 mg/kg iv**
- **4 mg/kg po**

Time (h) vs. Concentration (mg/L)

**Source**
- RTI 2015
- In vitro predicted

RTI 2015
Boscalid (1 compartment)

1 mg/kg iv

5 mg/kg po

Source
- in vitro predicted
- NHEERL 2015

Source
- NHEERL 2015
Formetanate hydrochloride (1 compartment): Optimizer Failed, No Curve Fit

Source

- NHEERL 2015
Propyzamide (1 compartment)

Source
- Joint NHEERL/RTI
- NHEERL 2015
- RTI 2015

Concentration (mg/L)
- 0.6 mg/kg iv
- 3 mg/kg po

Time (h)

Source
- in vitro predicted
- Joint NHEERL/RTI
- NHEERL 2015
- RTI 2015
Propamocarb hydrochloride (1 compartment)

- 1 mg/kg iv
- 5 mg/kg po

Concentration (mg/L) vs Time (h)

Source:
- in vitro predicted
- NHEERL 2015

NHEERL 2015
S–Bioallethrin (1 compartment)

0.8 mg/kg iv

4 mg/kg po

Source
- in vitro predicted
- NHEERL 2015

Concentration (mg/L)

Time (h)

Source
- NHEERL 2015
Alprazolam (1 compartment)

1.25 mg/kg iv
12.5 mg/kg po
7 mg/kg po

Concentration (mg/L)

Time (h)

Source
- TNO Lit. Review

Source
- in vitro predicted
- TNO Lit. Review
Chlorpyrifos (1 compartment)

- 10 mg/kg po
- 5 mg/kg po
- 100 mg/kg po
- 50 mg/kg po

Source:
- TNO Lit. Review

Concentration (mg/L) vs. Time (h)
Pentadecafluorooctanoic acid (1 compartment): Optimizer Failed, No Curve Fit

Source

○ NHEERL 2015
1 mg/kg iv

Source
- in vitro predicted
- NHEERL 2015

Concentration (mg/L)

Time (h)
Imazalil (1 compartment)

1 mg/kg iv

5 mg/kg po

Source
- in vitro predicted
- NHEERL 2015

10^{-2}

Concentration (mg/L)

Time (h)
Diltiazem (1 compartment)

20 mg/kg iv

20 mg/kg po

Source
- TNO Lit. Review

Source
- in vitro predicted
- TNO Lit. Review

Time (h)

Concentration (mg/L)
20 mg/kg po

Metoprolol (1 compartment)

Source
- TNO Lit. Review

Source
- in vitro predicted
- TNO Lit. Review

Concentration (mg/L)

Time (h)
Permethrin (1 compartment)

<table>
<thead>
<tr>
<th>Source</th>
<th>1 mg/kg iv</th>
<th>5 mg/kg po</th>
</tr>
</thead>
<tbody>
<tr>
<td>in vitro predicted</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NHEERL 2015</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Concentration (mg/L) vs Time (h)

- 1 mg/kg iv
- 5 mg/kg po

Source:
- NHEERL 2015

Legend:
- in vitro predicted
- NHEERL 2015
Hexobarbitone (1 compartment)

Source
- TNO Lit. Review
- in vitro predicted
- TNO Lit. Review

60 mg/kg iv

Concentration (mg/L) vs. Time (h)
Midazolam (1 compartment)

- **15 mg/kg po**
- **5 mg/kg iv**

**Source**
- ○ TNO Lit. Review
- □ in vitro predicted
- -- TNO Lit. Review
Antipyrine (1 compartment)

15 mg/kg iv

Time (h)
Concentration (mg/L)

Source
- TNO Lit. Review

Source
- in vitro predicted
- TNO Lit. Review
Fenarimol (1 compartment)

0.4 mg/kg iv

2 mg/kg po

Source
- in vitro predicted
- NHEERL 2015

Source
- NHEERL 2015
Phenacetin (1 compartment)

23 mg/kg iv

Time (h)

Concentration (mg/L)

Source
- TNO Lit. Review

Source
- in vitro predicted
- TNO Lit. Review
Bensulide (1 compartment)

<table>
<thead>
<tr>
<th>Concentration (mg/L)</th>
<th>Time (h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10^1</td>
<td>0</td>
</tr>
<tr>
<td>10^0</td>
<td>10</td>
</tr>
<tr>
<td>10^{-1}</td>
<td>20</td>
</tr>
<tr>
<td>10^{-2}</td>
<td>30</td>
</tr>
</tbody>
</table>

**Source**
- Joint NHEERL/RTI
- NHEERL 2015
- RTI 2015

**Graph Details**
- **1 mg/kg iv**
  - Concentration values:
    - 10^1 mg/L
    - 10^0 mg/L
    - 10^{-1} mg/L
    - 10^{-2} mg/L
  - Time (h):
    - 0
    - 10
    - 20
    - 30
- **5 mg/kg po**
  - Concentration values:
    - 10^1 mg/L
    - 10^0 mg/L
    - 10^{-1} mg/L
    - 10^{-2} mg/L
  - Time (h):
    - 0
    - 10
    - 20
    - 30
Bisphenol A (1 compartment)

0.6 mg/kg iv

Concentration (mg/L)

0 25 50 75

Time (h)

3 mg/kg po

Source

- in vitro predicted
- NHEERL 2015

Source

○ NHEERL 2015
Dimethenamid (1 compartment)

- 1 mg/kg iv
- 5 mg/kg po

Source:
- in vitro predicted
- NHEERL 2015
Diazinon–o–analog (1 compartment)

<table>
<thead>
<tr>
<th>Concentration (mg/L)</th>
<th>Time (h)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>75</td>
</tr>
</tbody>
</table>

Source
- RTI 2015
- in vitro predicted
- RTI 2015