|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Supplementary Table 1 Information on the multi-species acute toxicity dataset used in this study** | | | | |
| ID | Species | Administration | Toxicity Type | Size |
| 01 | bird-wild | oral | LD50 | 338 |
| 02 | chicken | oral | LD50 | 353 |
| 03 | duck | oral | LD50 | 192 |
| 04 | quail | oral | LD50 | 352 |
| 05 | frog | subcutaneous | LDLo | 112 |
| 06 | mammal (species unspecified) | intraperitoneal | LD50 | 545 |
| 07 | mammal (species unspecified) | oral | LD50 | 674 |
| 08 | mammal (species unspecified) | subcutaneous | LD50 | 125 |
| 09 | mammal (species unspecified) | unreported | LD50 | 1129 |
| 10 | guinea pig | intraperitoneal | LD50 | 248 |
| 11 | guinea pig | intravenous | LD50 | 153 |
| 12 | guinea pig | intravenous | LDLo | 121 |
| 13 | guinea pig | oral | LD50 | 793 |
| 14 | guinea pig | skin | LD50 | 176 |
| 15 | guinea pig | subcutaneous | LD50 | 169 |
| 16 | guinea pig | subcutaneous | LDLo | 179 |
| 17 | mouse | intramuscular | LD50 | 571 |
| 18 | mouse | intraperitoneal | LD50 | 36295 |
| 19 | mouse | intraperitoneal | LDLo | 266 |
| 20 | mouse | intravenous | LD50 | 16978 |
| 21 | mouse | intravenous | LDLo | 102 |
| 22 | mouse | oral | LD50 | 23373 |
| 23 | mouse | oral | LDLo | 264 |
| 24 | mouse | parenteral | LD50 | 302 |
| 25 | mouse | skin | LD50 | 214 |
| 26 | mouse | subcutaneous | LD50 | 6769 |
| 27 | mouse | subcutaneous | LDLo | 252 |
| 28 | mouse | unreported | LD50 | 1739 |
| 29 | rat | intramuscular | LD50 | 300 |
| 30 | rat | intraperitoneal | LD50 | 5021 |
| 31 | rat | intraperitoneal | LDLo | 318 |
| 32 | rat | intravenous | LD50 | 2472 |
| 33 | rat | intravenous | LDLo | 135 |
| 34 | rat | oral | LD50 | 10190 |
| 35 | rat | oral | LDLo | 322 |
| 36 | rat | skin | LD50 | 835 |
| 37 | rat | subcutaneous | LD50 | 1896 |
| 38 | rat | subcutaneous | LDLo | 174 |
| 39 | rat | unreported | LD50 | 806 |
| 40 | cat | intravenous | LD50 | 261 |
| 41 | cat | intravenous | LDLo | 159 |
| 42 | cat | oral | LD50 | 171 |
| 43 | cat | oral | LDLo | 142 |
| 44 | rabbit | intraperitoneal | LD50 | 131 |
| 45 | rabbit | intravenous | LD50 | 792 |
| 46 | rabbit | intravenous | LDLo | 346 |
| 47 | rabbit | oral | LD50 | 894 |
| 48 | rabbit | oral | LDLo | 249 |
| 49 | rabbit | skin | LD50 | 1495 |
| 50 | rabbit | skin | LDLo | 181 |
| 51 | rabbit | subcutaneous | LD50 | 156 |
| 52 | rabbit | subcutaneous | LDLo | 241 |
| 53 | dog | intravenous | LD50 | 468 |
| 54 | dog | intravenous | LDLo | 360 |
| 55 | dog | oral | LD50 | 649 |
| 56 | dog | oral | LDLo | 187 |
| 57 | human | oral | TDLo | 140 |
| 58 | women | oral | TDLo | 156 |
| 59 | man | oral | TDLo | 163 |
| **Total sample size** | | | | **122594** |