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An interspecies correlation model to predict acute dermal toxicity of plant protection products to terrestrial life stages of amphibians using fish acute toxicity and bioconcentration data



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Highlights for the manuscript:

AN INTERSPECIES CORRELATION MODEL TO PREDICT ACUTE DERMAL TOXICITY OF PLANT PROTECTION PRODUCTS TO TERRESTRIAL LIFE STAGES OF AMPHIBIANS

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1. An equation is derived to predict acute dermal toxicity to terrestrial amphibians
2. Fish bioconcentration and acute toxicity data are required as input
3. The model can be used in a screening approach for pesticide risk assessment
4. Application would significantly reduce amphibian (vertebrate) testing

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