



## Agrochemical Science Solutions

### *In Vitro / In Vivo Toxicology*

Our agrochemical science solutions aim to characterize new development candidates according to regulatory requirements which show a good efficacy as agrochemical products and a favourable toxicokinetic profile at the same time.



### ***In Vitro*** **Assays**

- Receptor binding assays, AMES-Test, target engagement tests
- CLint- and Caco-2-assay
- Required *in vitro* data can be prepared in house



### ***In Vivo*** **Models**

- Standard rat strains (Wistar, Han Wistar, Sprague Dawley)
- High animal welfare standards, AAALAC accreditation
- Continuous refinement of methods such as gentle blood sampling via jugular vein catheter



### **Study** **Design**

- Single application of single compound
- Intragastral and intravenous application of low and/or high doses
- Blood sampling up to 72 hours
- Optional tissue sampling
- Evaluation of PK parameters (Phoenix® WinNonlin®)
- Report preparation according to regulatory requirements

# NUVISAN



## Trust Partner for your Agrochemicals



We provide tailored solutions according to your project needs to bring your study to the next milestone.



We plan and conduct your study in accordance with regulatory guidelines.



We offer integrated full solutions including *in vitro* assays, *in vivo* studies, bioanalysis of samples, evaluation and reporting of study results, as well as consultancy throughout the whole process by our experts.



We offer consultancy throughout the whole process of planning and conducting the study tailored to your needs.

### Contact us

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