

DMPK Services

Determine the *in vivo* PK profile of your new agents

Optimize the *in vivo* pharmacokinetic properties of your lead candidates. Utilize high quality PK data generated by *in vivo* experts to progress your compounds with confidence.

Rapidly evaluate the pharmaceutical and safety properties of your agents through *in vivo* PK services, available as an integrated drug discovery platform or a standalone service:

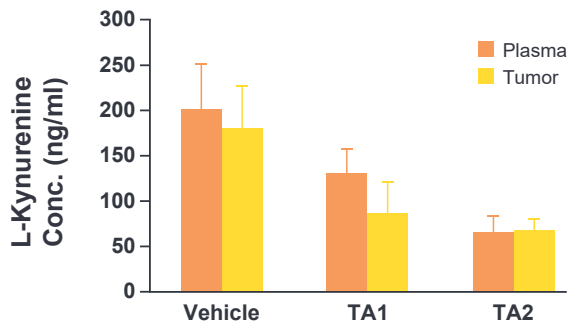
- *In vivo* PK studies progressing to investigation of PD biomarkers for small and large molecules
- Samples from various species (mouse, rat, rabbit, dog, NHP, pig, human)
- Various administration routes (i.v., p.o., i.p., s.c., i.m.)
- *In vivo* PK study design
- Single, multiple, and cassette dosing PK
- *In vivo* crossover studies for bioavailability (F)
- Plasma protein binding

- Histology and pathology expertise and sample preparation
- Serial blood collection over 24 hours
- PK tissue distribution and mass balance
- Excretion assays
- Maximum tolerated dose (MTD)

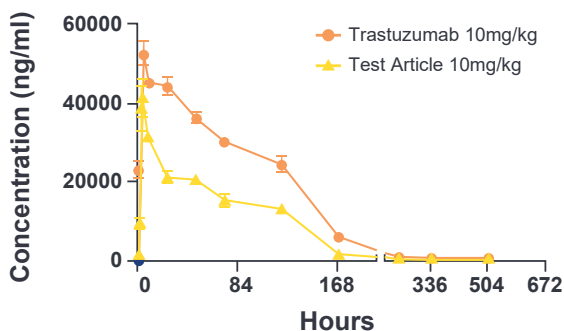
Bioanalysis using cutting-edge LC-MS/MS and HPLC technologies alongside ELISA and MSD assays:

- Method development and validation
- Quantitation analysis (parent compound, metabolites)
- Dosing solution analysis
- Various biological sample analysis

L-Kynurenine Concentration in Plasma and Tumor



Time-Concentration Curve in Serum



Species



- Mouse
- Rat
- Rabbit
- Dog
- NHP
- Pig
- Human

Biofluids



- Plasma
- Serum
- Whole Blood
- Urine

Soft Tissue



- Tumor
- Brain
- Liver
- Lung
- Heart
- Kidney
- Spleen

Tough and Fibrous Tissue



- Muscle
- Fat
- Bone
- Eye
- Skin
- Prostate
- Testicle
- Uterus

Micro-sampling



- Cerebrospinal Fluid (CSF)
- Joint fluid
- Vitreous humor
- Bile

Get in touch



Sales

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