

Pharmacokinetics/ADME

Pharmacokinetics is of central importance for the development of a bioactive compound. The molecular properties of the compound determine its uptake, distribution, metabolism and excretion (ADME) and thus the drug level at the site of infection. The pharmacokinetic properties of bioactive substances are therefore important at all times in the development process of antibiotics.

We perform extensive pharmacokinetic investigations using UHPLC-HRMS/MS both *in vitro* and *in vivo*. For advanced developments we additionally use radioisotope-labelled active substances.