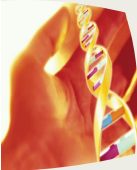
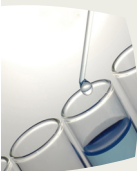


▶ CUSTOM DRUG METABOLITES



▶ REFERENCE STANDARDS FOR CYTOCHROME P450



▶ CUSTOM FISSION YEAST STRAIN

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KRISHGEN BioSystems

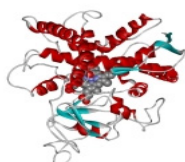
We offer custom production of ¹³C- or deuterium labeled drug metabolites (e.g. Cytochrome P450 metabolites & glucuronides for forensic & metabolism studies). These drug metabolites can be used as reference standards for mass spectrometry (e.g. ESI-MS & MALDI). We also now offer a variety of reference standards such as 4'Hydroxydiclofenac or Umbelliferone glucuronide.

PomBioTech GmbH

- Experts in custom drug metabolite production

PomBioTech has specialized on the production of drug metabolites synthesized by **human cytochromes P450** and **human UDP-glucuronosyltransferases (UGT)**. Using recombinant fission yeast strains (*Schizosaccharomyces pombe*) we are able to biotechnologically produce **custom made metabolites** including **cytochrome P450** and **UGT**

metabolites (glucuronides) up to technical scale (mg to 100 g range). In addition to this a variety of **glucuronides** and **cytochrome P450 metabolites** for use as **reference standards** (e.g. for LC/MS and LC/MS-MS) are available. All **reference standards** can also be labeled with either deuterium or ¹³C.



S. pombe cells expressing GFP and cytochrome P450 computer model

PomBiotech, Germany now in India through **KRISHGEN BIOSYSTEMS**

Contact us at:

135/37 Zaveri Bazar, Mumbai 400002

Tel:022-66372990 Fax: 022-66372991

Email: sales@krishgen.com