

Our *In vitro* ADME services:

- 1 Analytical method development [HPLC]
- 2 Solubility Assay
- 3 Chemical Stability
 - 3.1 Stability in PBS
 - 3.2 Stability in Simulated Gastric Fluid (SGF)
 - 3.3 Stability in Simulated Intestinal Fluid (SIF)
 - 3.4 T_{1/2} in PBS
- 4 Partition Coefficient
 - 4.1 Log P (Octanol/water or buffer)
 - 4.2 Log D (Octanol/PBS)
 - 4.3 Log D (Cyclohexane/PBS)
- 5 Binding and stability Assay
 - 5.1 Plasma Binding
 - 5.2 Plasma Stability
 - 5.3 Human Serum Albumin (HSA) Binding
 - 5.4 Human Alpha Acid Glycoprotein (AGP) Binding
- 6 Metabolic stability Assay
 - 6.1 Rat Liver Homogenate
 - 6.2 Rat Liver Microsome
 - 6.3 Rat Liver S9
- 7 Metabolic stability of drug/NCE in Recombinant Human Cytochrome P450s
 - 7.1 Rec. Human CYP 450 1A1
 - 7.2 Rec. Human CYP 450 1A2
 - 7.3 Rec. Human CYP 450 2B6
 - 7.4 Rec. Human CYP 450 2C18
 - 7.5 Rec. Human CYP 450 2C8
 - 7.6 Rec. Human CYP 450 2C9
 - 7.7 Rec. Human CYP 450 2D6
 - 7.8 Rec. Human CYP 450 2E1
 - 7.9 Rec. Human CYP 450 3A4
 - 7.10 Rec. Human CYP 450 3A5
- 8 Inhibition assay of drug/NCE by fluorimetry
 - 8.1 Rat Liver Microsome, inhibitor and EFC substrate
 - 8.2 Rat Liver Microsome, inhibitor and CEC substrate
 - 8.3 Rat Liver Microsome, inhibitor and CMC substrate
 - 8.4 Rat Liver Microsome, inhibitors and multiple substrates
- 9 Recombinant Human CYP Inhibition Assay by fluorimetry
 - 9.1 Rec. Human CYP 1A2, inhibitor and CEC substrate
 - 9.2 Rec. Human CYP 2B6, inhibitor and EFC substrate
 - 9.3 Rec. Human CYP 2C9, inhibitor and CEC substrate
 - 9.4 Rec. Human CYP 2C19, inhibitor and CEC substrate
 - 9.5 Rec. Human CYP 2D6, inhibitor and EFC substrate
 - 9.6 Rec. Human CYP 3A4, inhibitor and BFC substrate

10 Permeability assays

- 10.1 PAMPA
- 10.2 Double-Sink PAMPA (pH-Dependant Permeability)
- 10.3 Caco-2 permeability (Under development)

11 Cytotoxicity Assay Panel

- 11.1 Cancer cell line panel
- 11.2 Anti-proliferation – MTT assay
- 11.3 DNA-synthesis inhibition – [3H]- Thymidine uptake assay
- 11.4 Cytotoxicity – LDH release assay
- 11.5 Protein synthesis inhibition – [14C]-Methionine uptake assay