

## Recombinant CYP Enzyme Inhibition Assay:

DMSO solution of inhibitor is incubated in presence / absence of different Rec. Human CYP P450 enzymes and NADPH-regenerating system (NRS) followed by further incubation with Fluoroprobe. All estimations are done by Fluorimetry.

<b>Reaction Volume</b>	: 200ml
<b>Hu. Rec. CYP Enzyme</b>	: 1A1, 1A2, 2B6, 2C8, 2C18, 2C9, 2D6, 2E1, 3A4, 3A5
<b>Concentration</b>	: 10 pmole/assay
<b>Inhibitor Concentration</b>	: 6-10 conc. with <0.5% DMSO (N=3)
<b>Fluorogenic substrate</b>	: CEC/CMC/EFC
<b>Incubation</b>	: 37°C 1hr
<b>End point</b>	: 0.5 M Tris buffer: acetonitrile (20:80)
<b>Detection</b>	: Fluorimetry (EC <sub>50</sub> )

