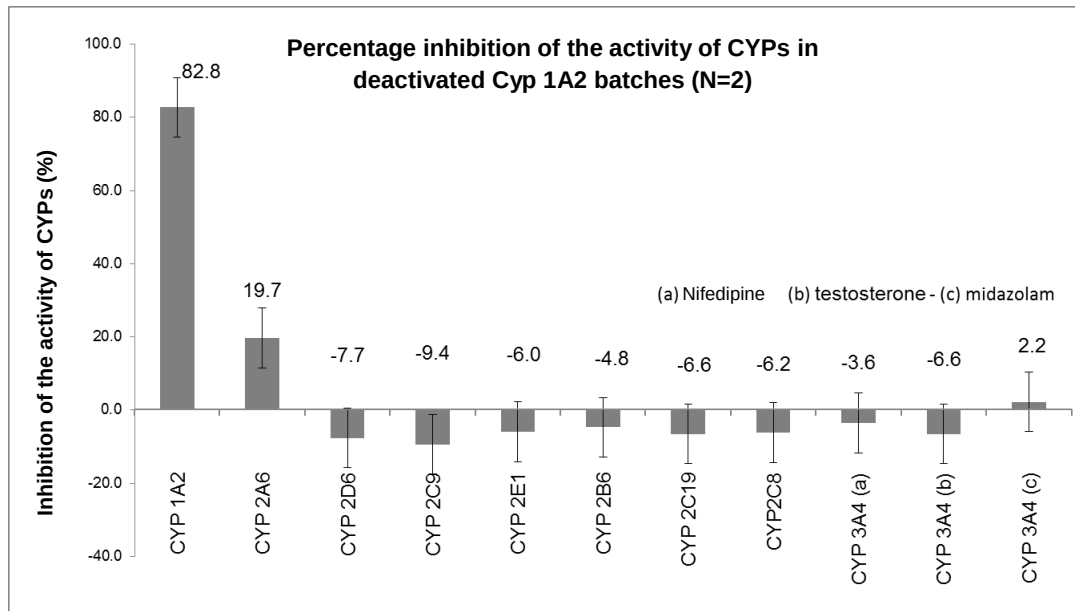
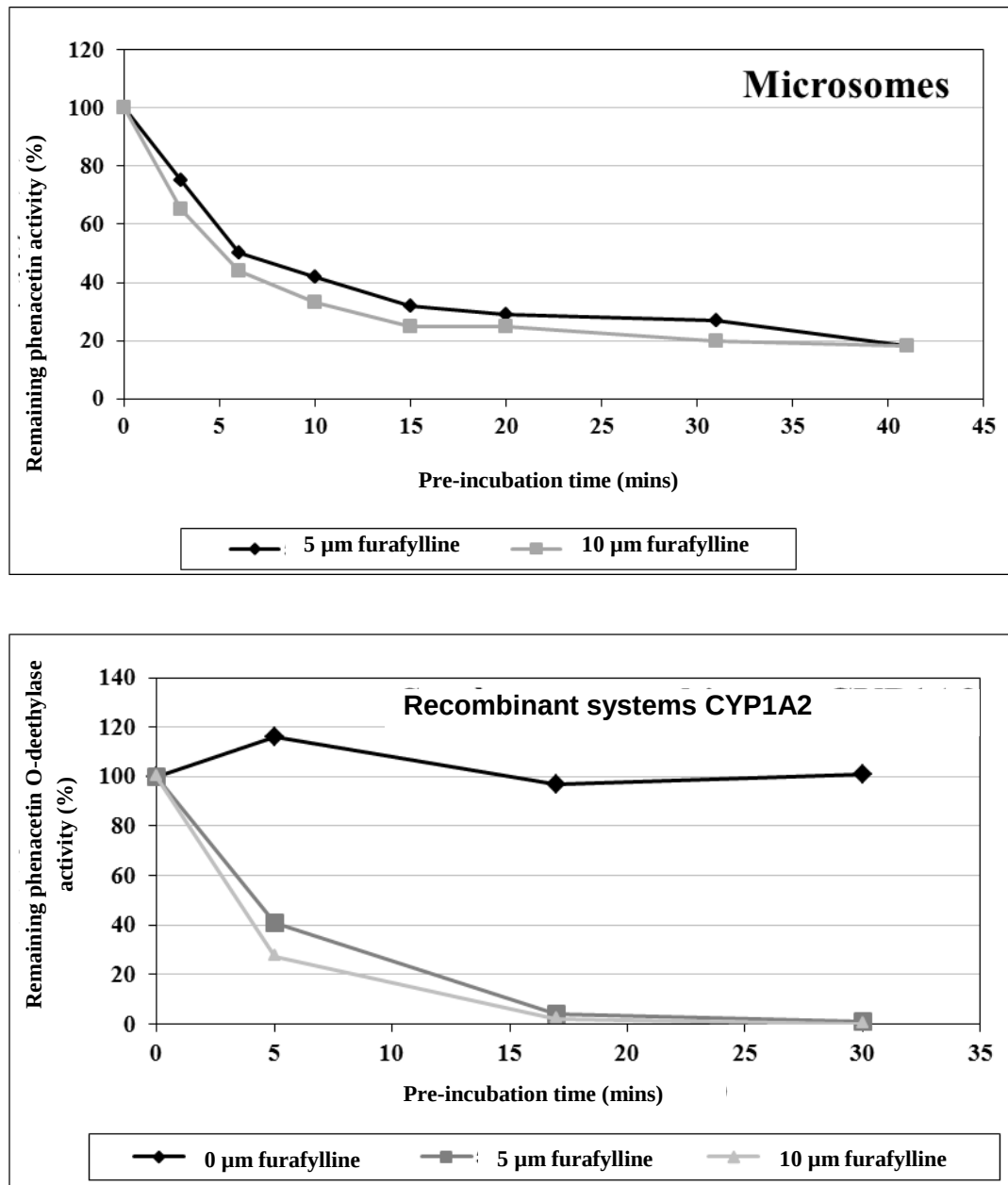




5 Figure 1: Percentage inhibition of the activity of cytochromes P450 in irreversibly inhibited CYP1A2 microsomes



5 Figure 2: Impact of furafylline at 5 μM and 10 μM on microsomes of human liver and on recombinant microsomes for CYP1A2

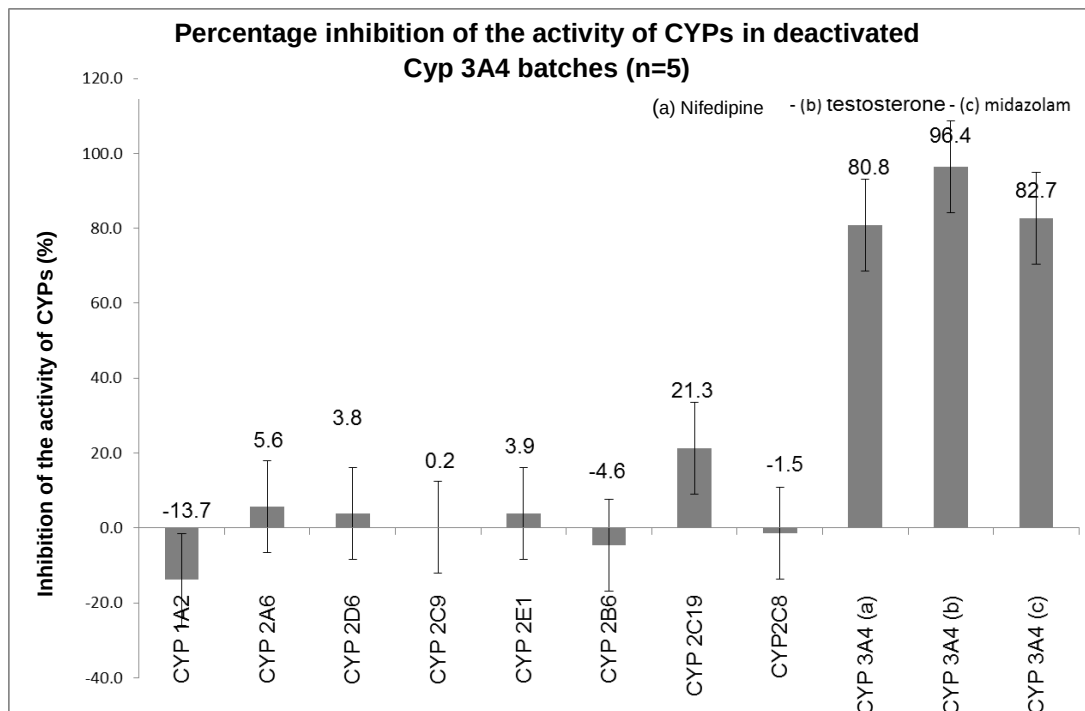


Figure 3: Percentage inhibition of the activity of cytochromes P450 in irreversibly inhibited CYP3A4 microsomes

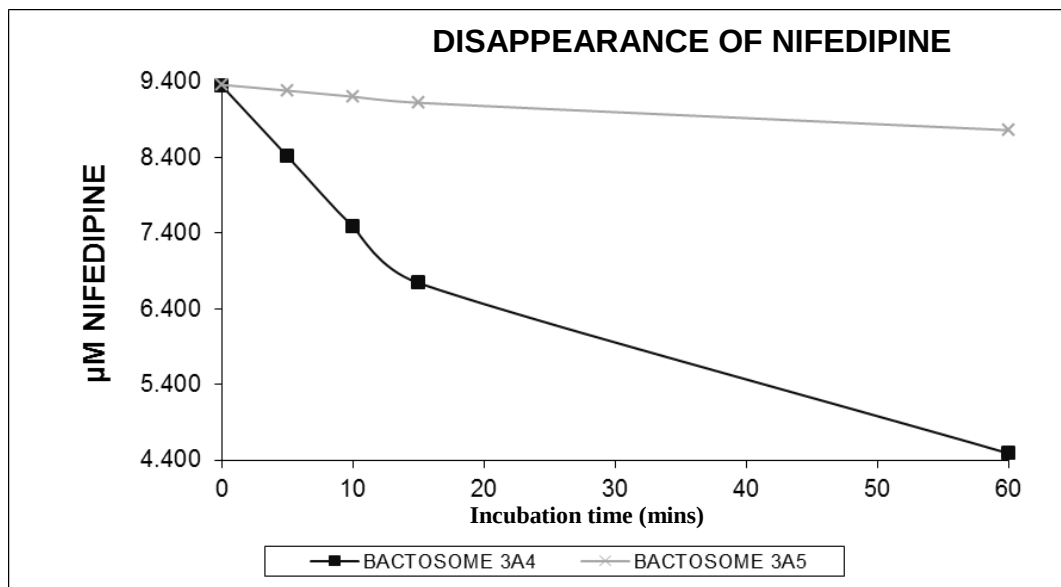


Figure 4: Metabolism of nifedipine by CYP3A4 and CYP3A5 (recombinant microsomes)

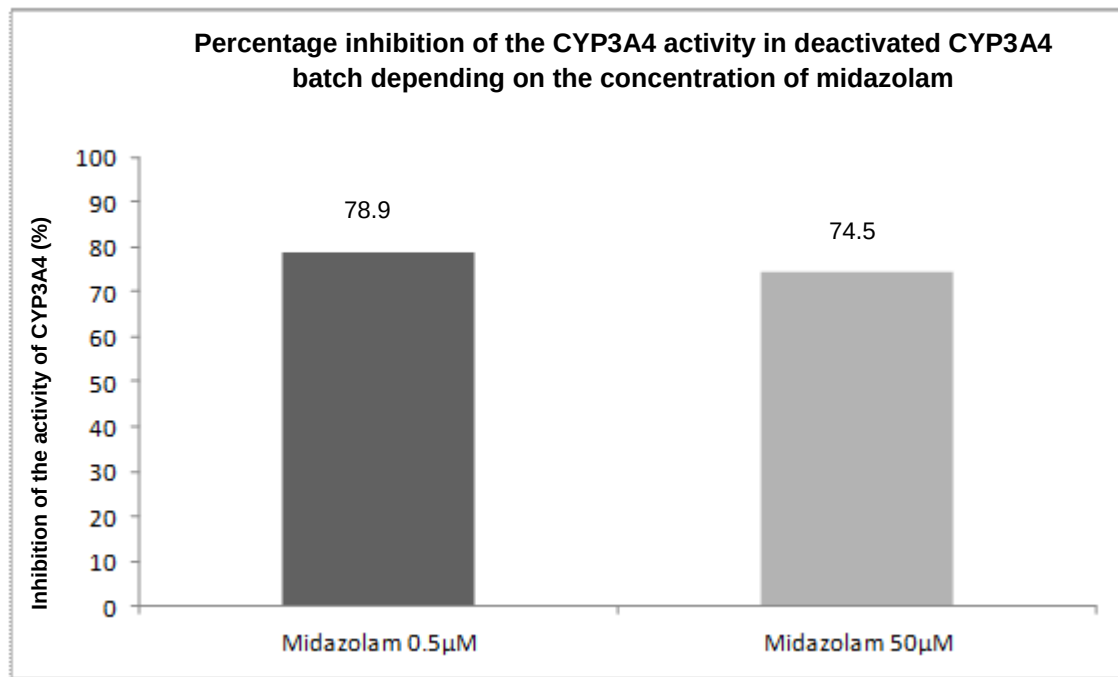
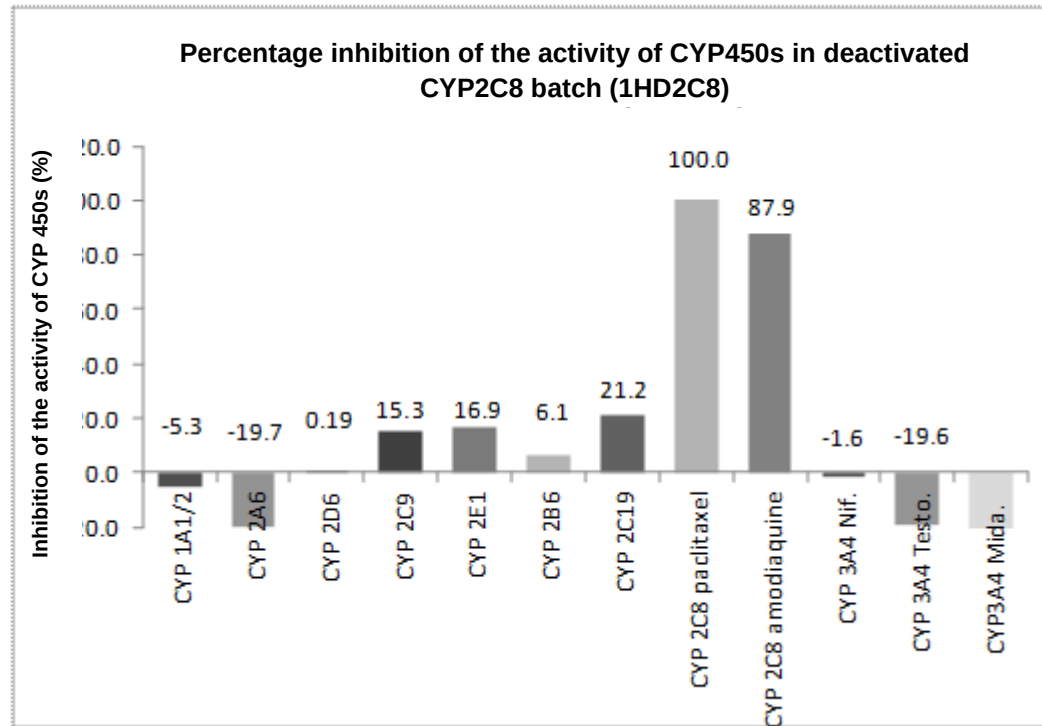


Figure 5: Percentage inhibition of the midazolam activity at K_m and V_{max} in irreversibly inhibited CYP3A4 microsomes



5 Figure 6: Percentage inhibition of the activity of cytochromes P450 in irreversibly inhibited CYP2C8 microsomes

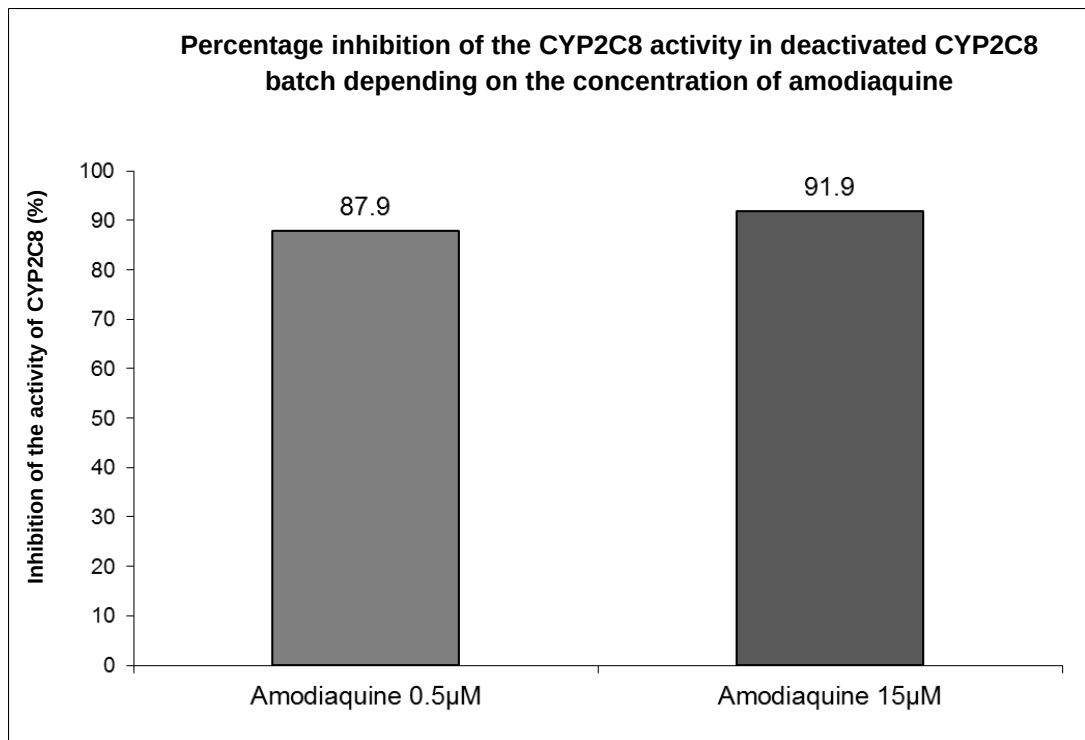


Figure 7: Percentage inhibition of amodiaquine activity at K_m and V_{max} in irreversibly inhibited CYP2C8 microsomes

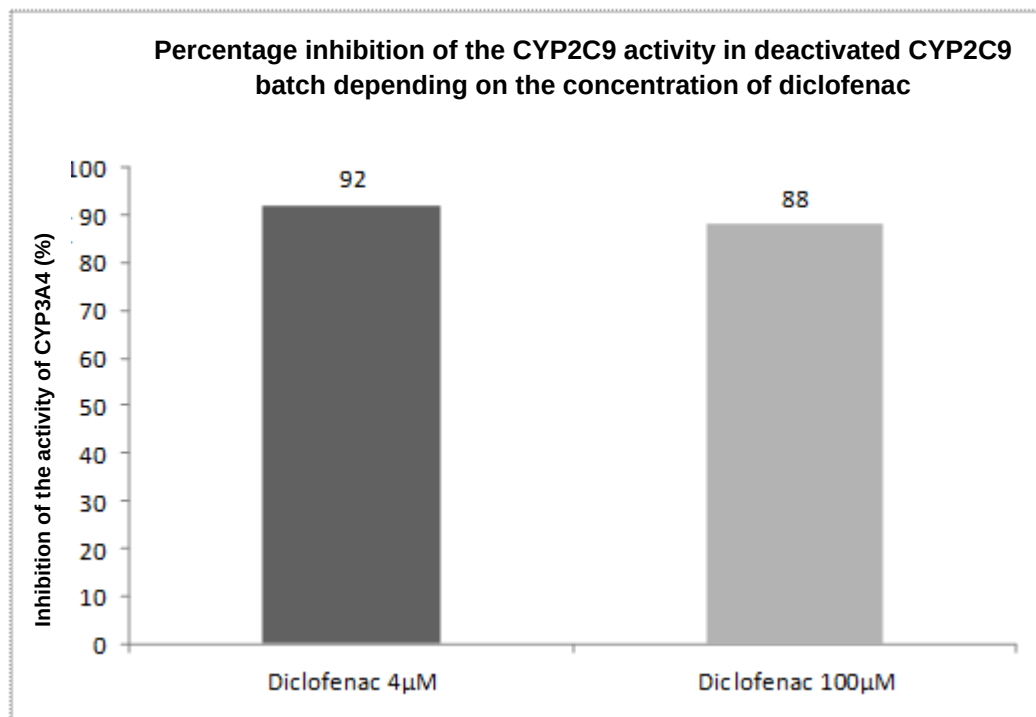


Figure 8: Percentage inhibition of diclofenac activity at K_m and V_{max} in irreversibly inhibited CYP2C9 microsomes

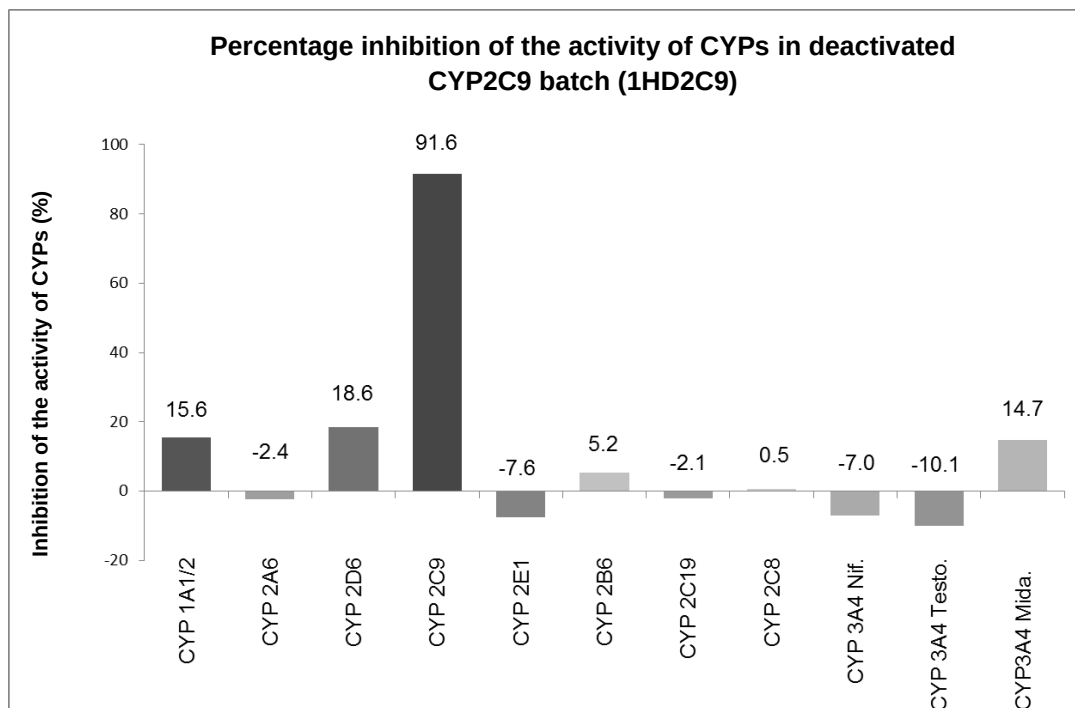


Figure 9: Percentage inhibition of the activity of cytochromes P450 in irreversibly inhibited CYP2C9 microsomes

5

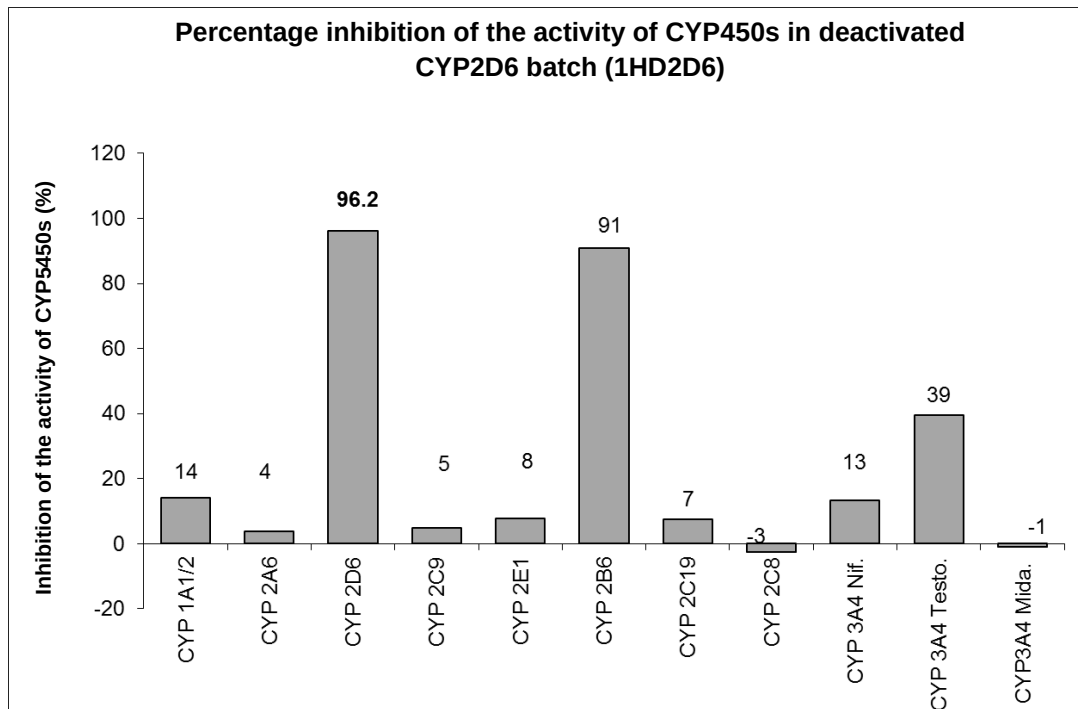


Figure 10: Percentage inhibition of the activity of cytochromes P450 in irreversibly inhibited CYP2D6 microsomes

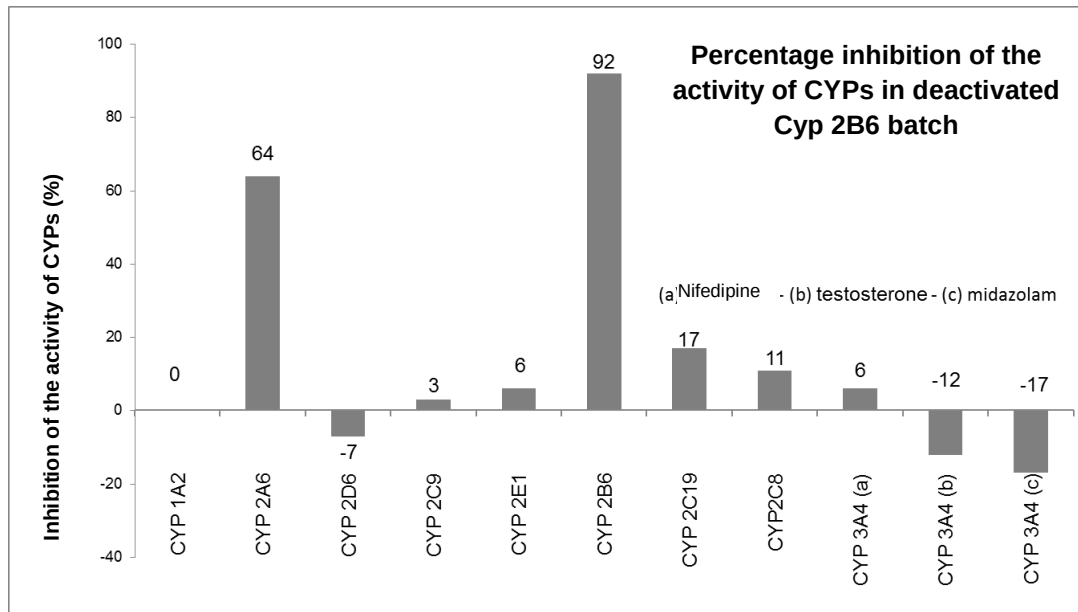
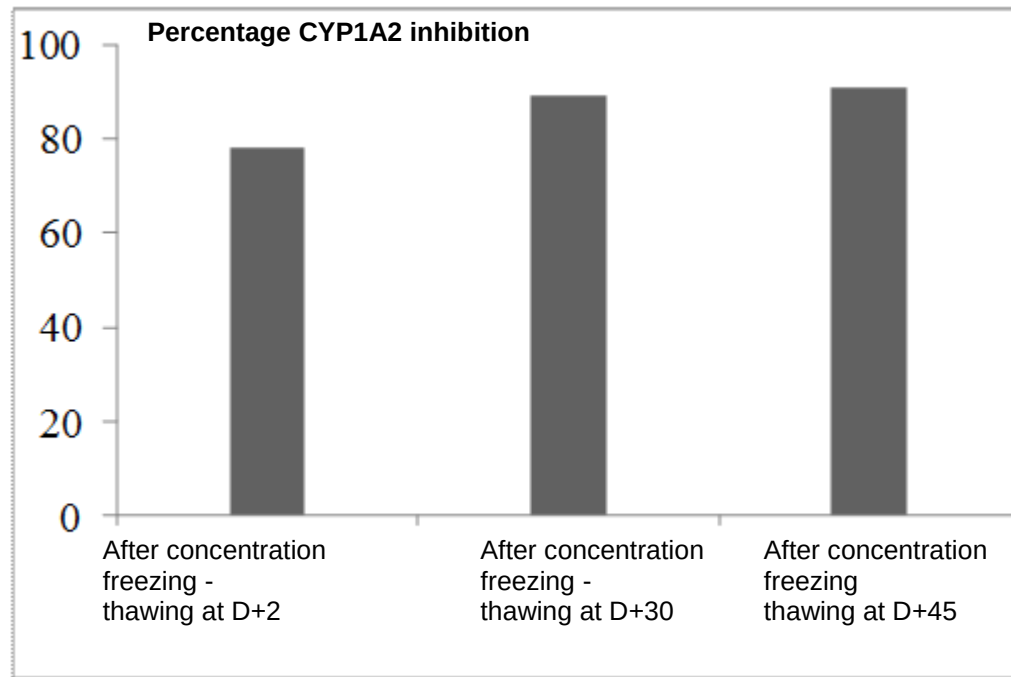


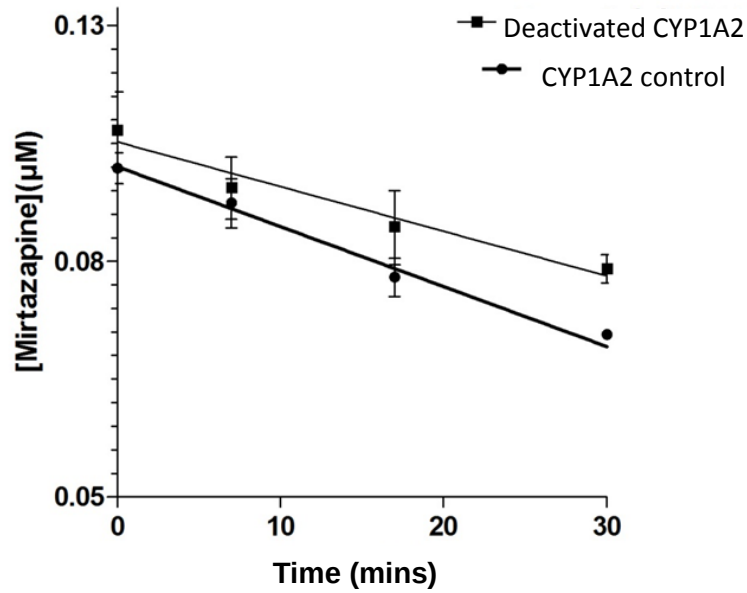
Figure 11: Percentage inhibition of the activity of cytochromes P450 in irreversibly inhibited CYP2B6 microsomes



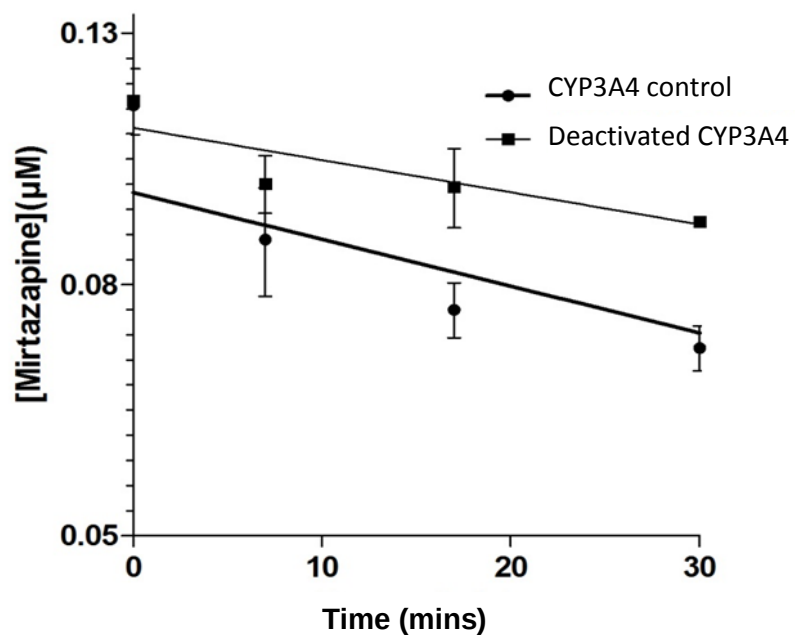
5

Figure 12: Percentage inhibition of CYP1A2 activity as a function of different storage times at -80°C

A

CYP1A2 - Mirtazapine

B

CYP3A4 - Mirtazapine

C

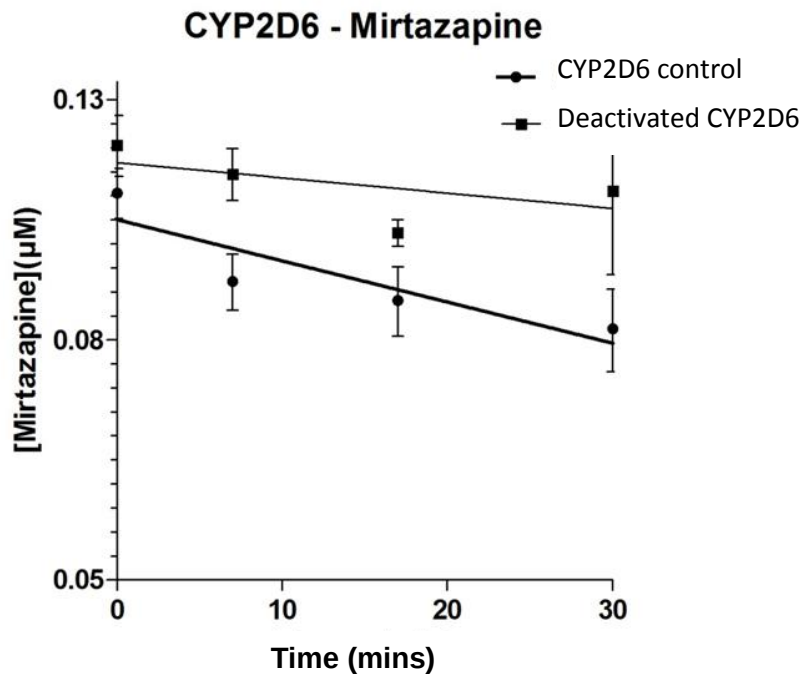


Figure 13: Kinetics of disappearance of mirtazapine in the presence of isolated, irreversibly inhibited microsome CYP1A2 (A), 3A4 (B), 2D6 (C) and their controls (n=3)

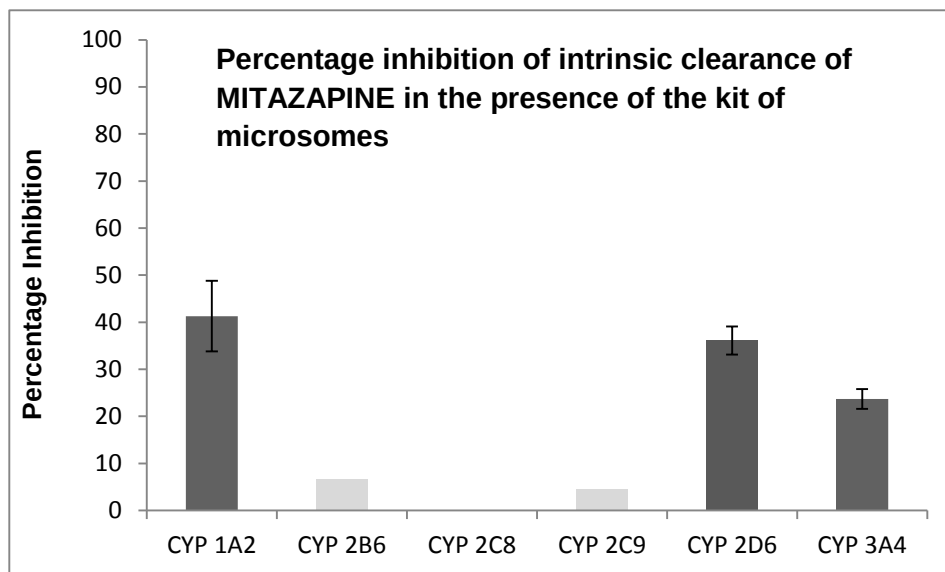
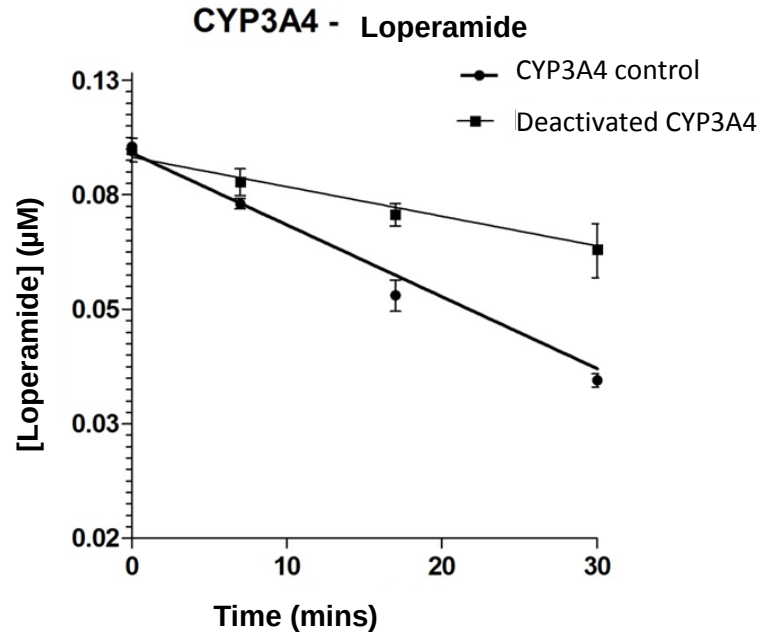
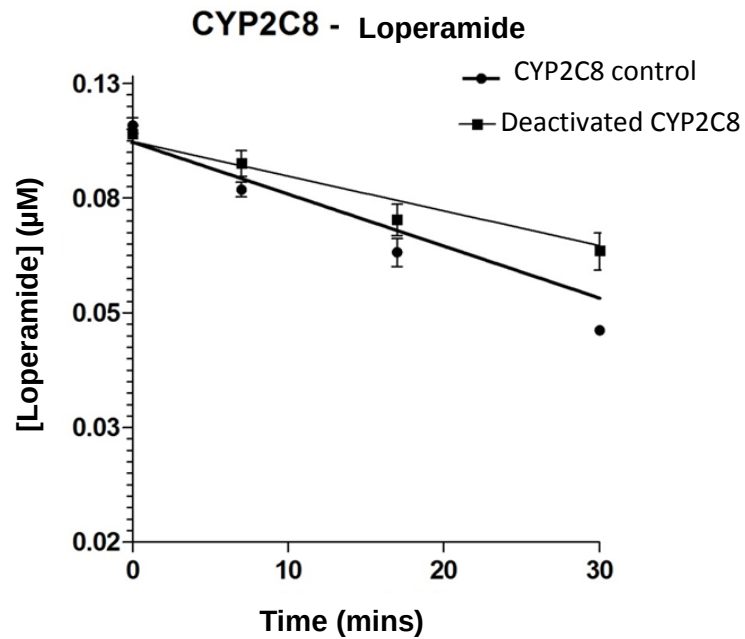


Figure 14: Percentage inhibition of intrinsic clearance of mirtazapine in the presence of the kit of isolated, irreversibly inhibited microsomes compared to their homologous controls

A

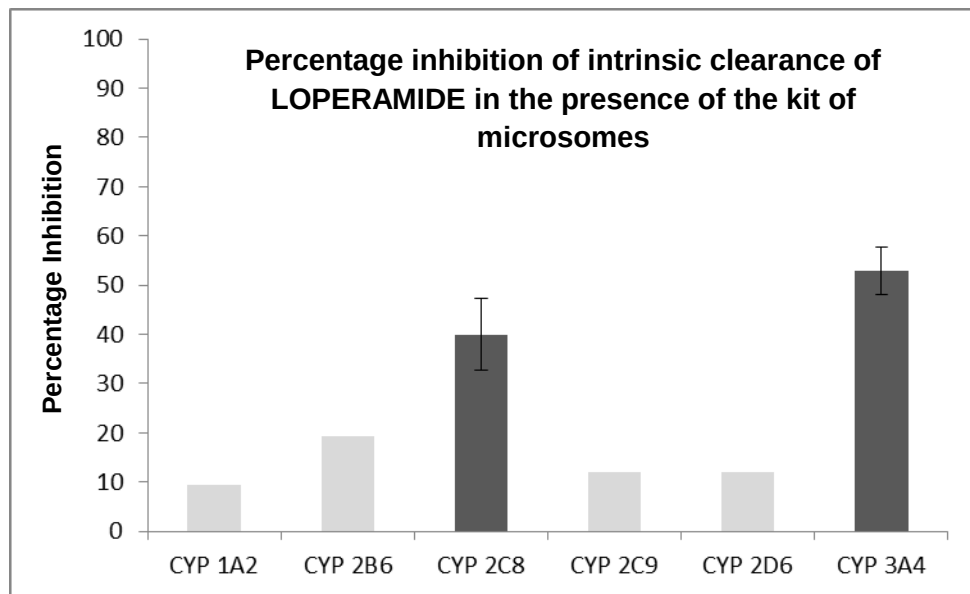


B



5

Figure 15: Kinetics of disappearance of loperamide in the presence of isolated irreversibly inhibited microsomes 3A4 (A) and 2C8 (B) respectively and their homologous controls (n = 3)



5 Figure 16: Percentage inhibition of intrinsic clearance of loperamide in the presence of the kit of isolated, irreversibly inhibited microsomes compared to their homologous controls

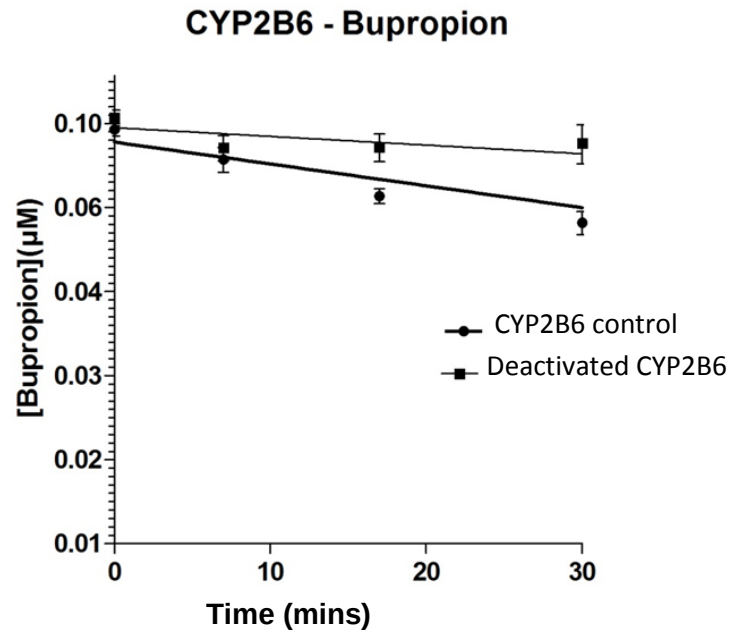
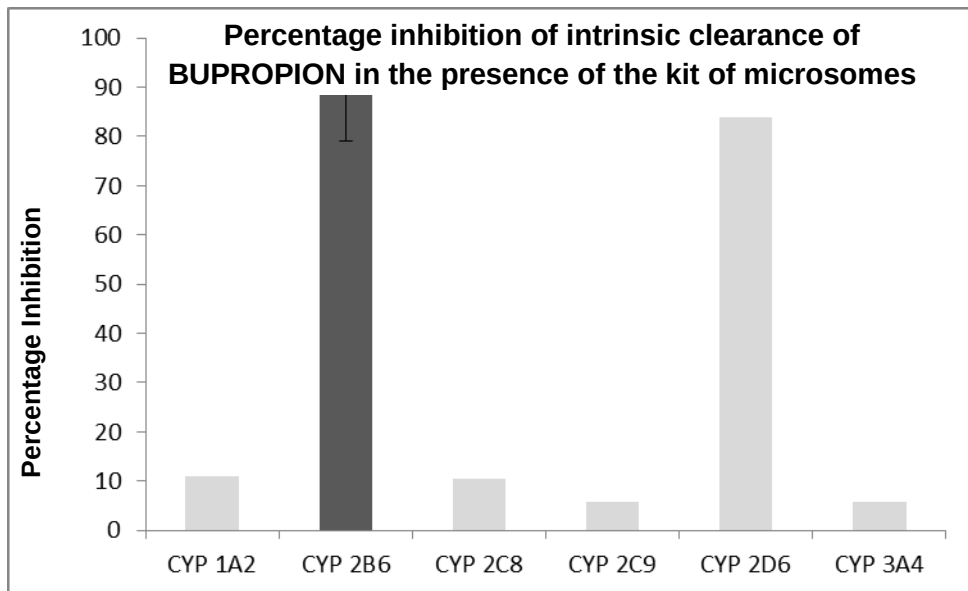


Figure 17: Kinetics of the disappearance of bupropion in the presence of isolated, irreversibly inhibited microsome 2B6 and its homologous control (n = 3)



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Figure 18: Percentage inhibition of intrinsic clearance of bupropion in the presence of the kit of isolated, irreversibly inhibited microsomes compared to their homologous controls

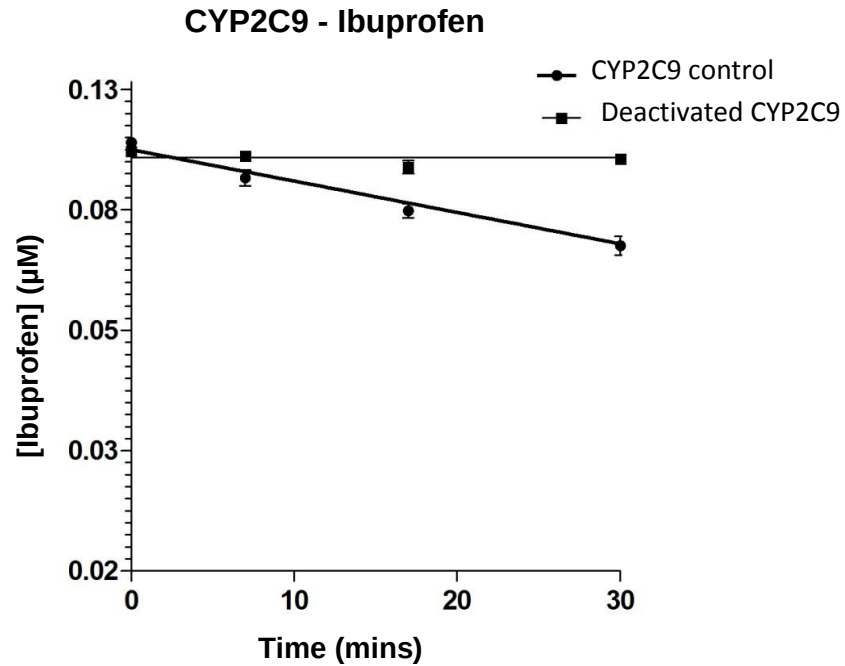
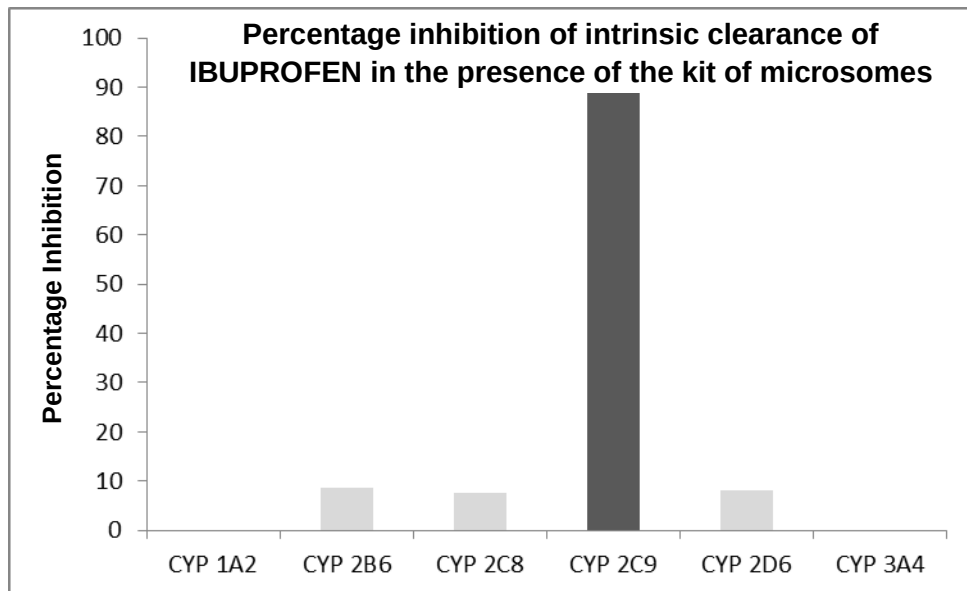


Figure 19: Kinetics of the disappearance of ibuprofen in the presence of isolated, irreversibly inhibited microsome 2C9 and its homologous control (n = 3)



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Figure 20: Percentage inhibition of intrinsic clearance of ibuprofen in the presence of the kit of isolated, irreversibly inhibited microsomes compared to their homologous controls.

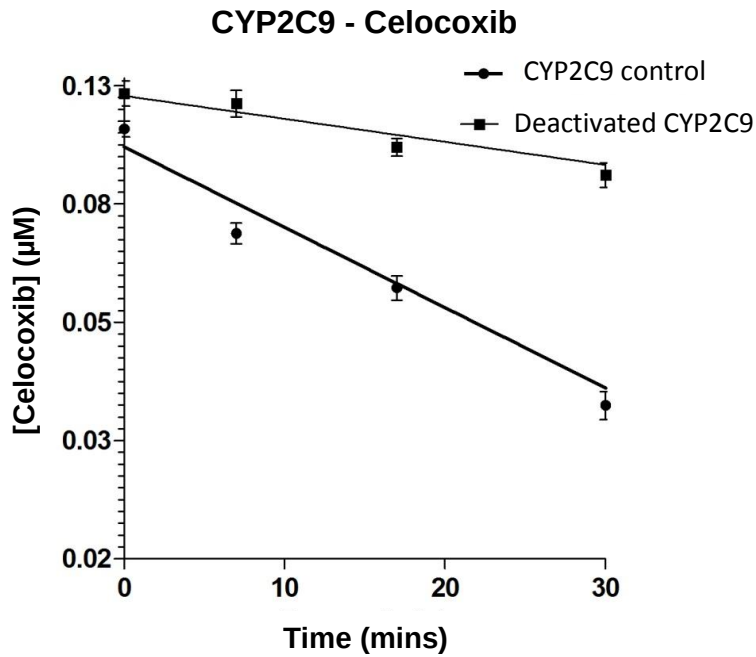
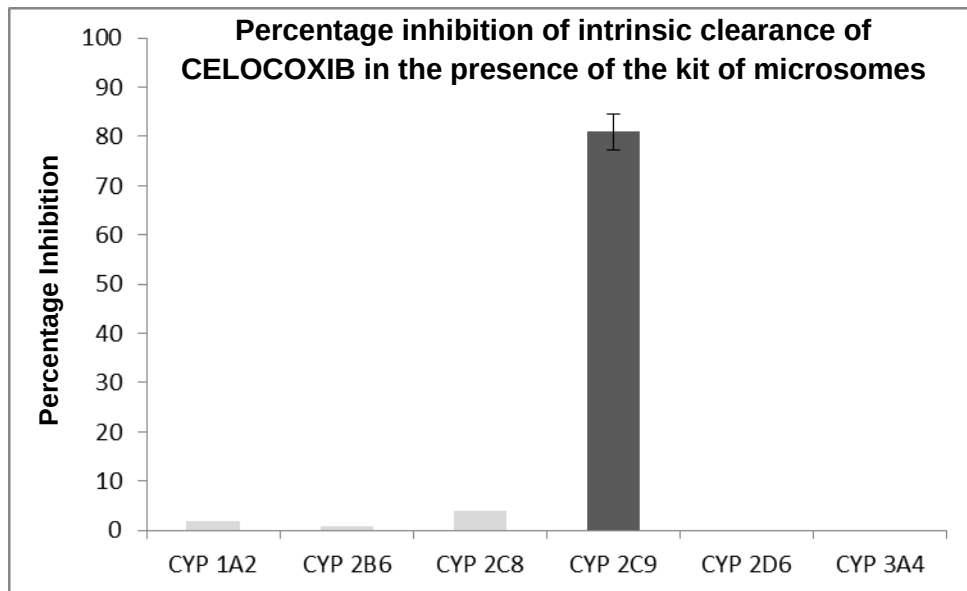


Figure 21: Kinetics of the disappearance of celocoxib in the presence of isolated, irreversibly inhibited microsome 2C9 and its homologous control (n = 3)



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Figure 22: Percentage inhibition of intrinsic clearance of celocoxib in the presence of the kit of isolated, irreversibly inhibited microsomes compared to their homologous controls

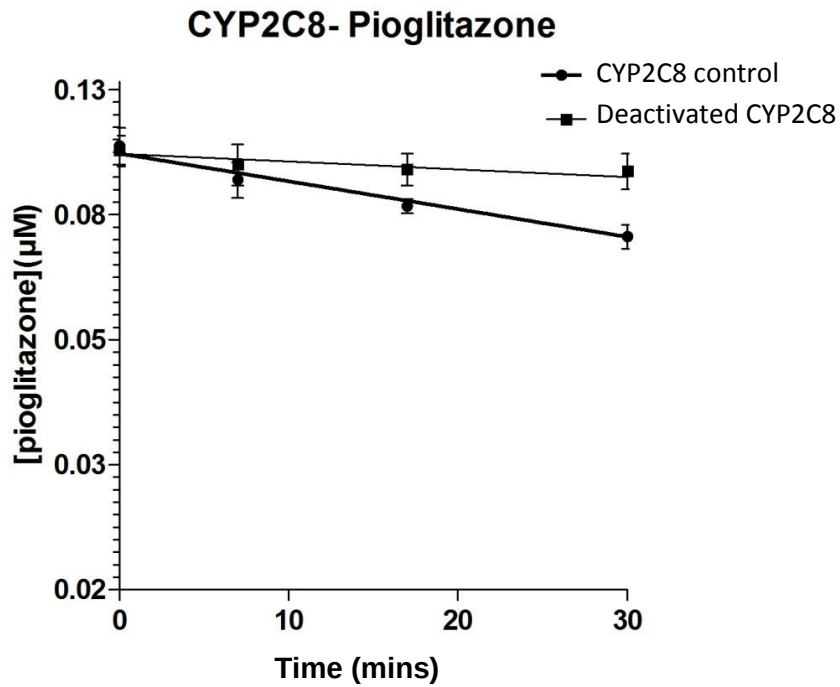
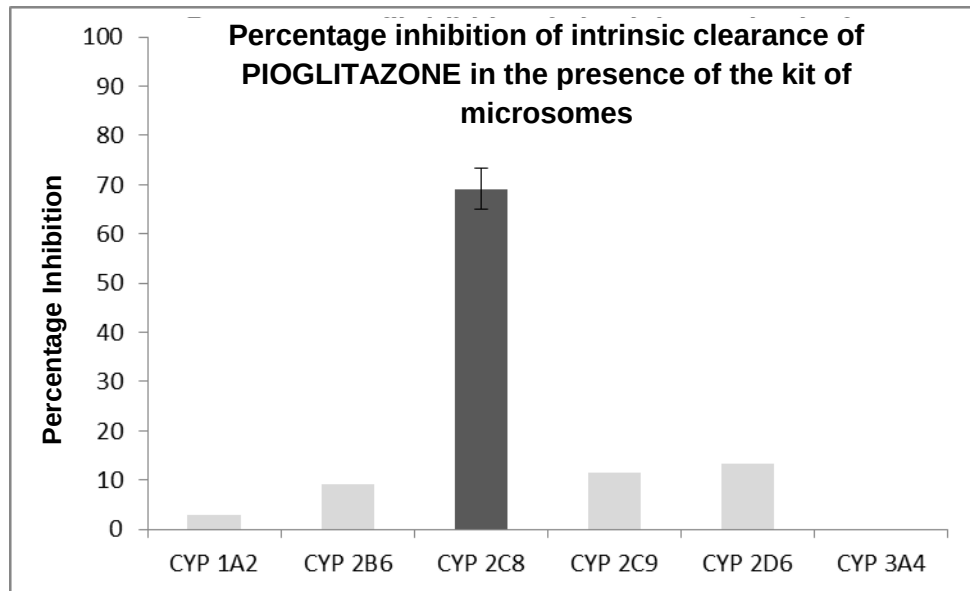


Figure 23: Kinetics of disappearance of pioglitazone in the presence of isolated, irreversibly inhibited microsome 2C8 and its homologous control (n = 3)



5 Figure 24: Percentage inhibition of intrinsic clearance of pioglitazone in the presence of the kit of isolated, irreversibly inhibited microsomes compared to their homologous controls

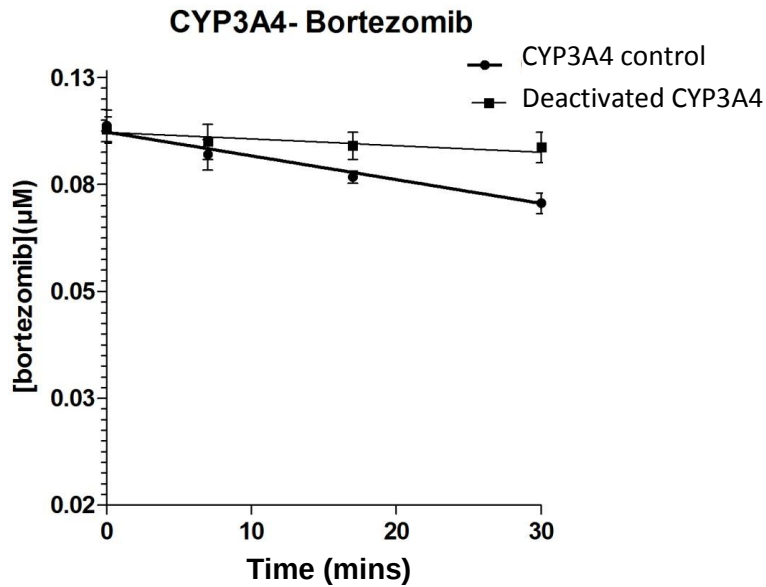


Figure 25: Kinetics of disappearance of bortezomib in the presence of isolated, irreversibly inhibited microsome 3A4 and its homologous control (n = 3)

5

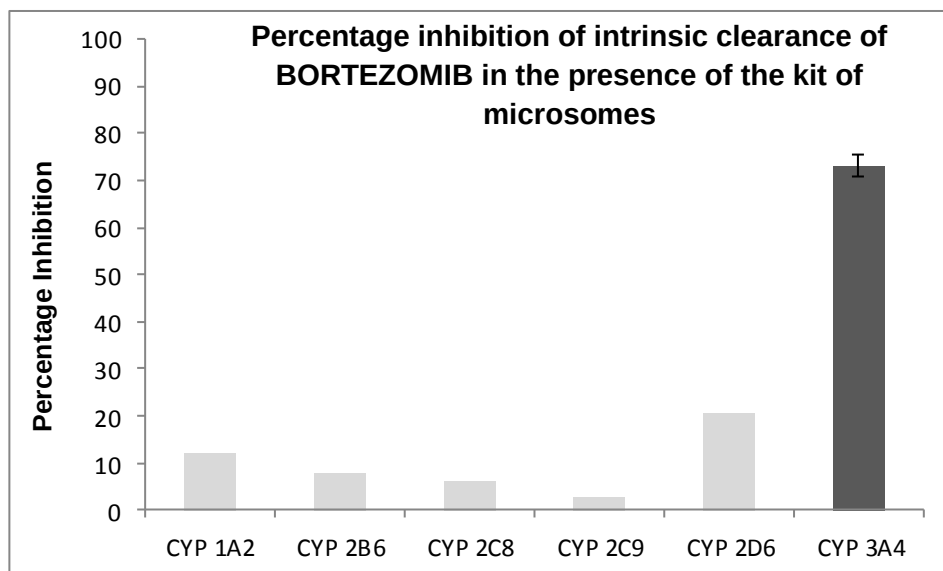


Figure 26: Percentage inhibition of intrinsic clearance of bortezomib in the presence of the kit of isolated, irreversibly inhibited microsomes compared to their homologous controls

10

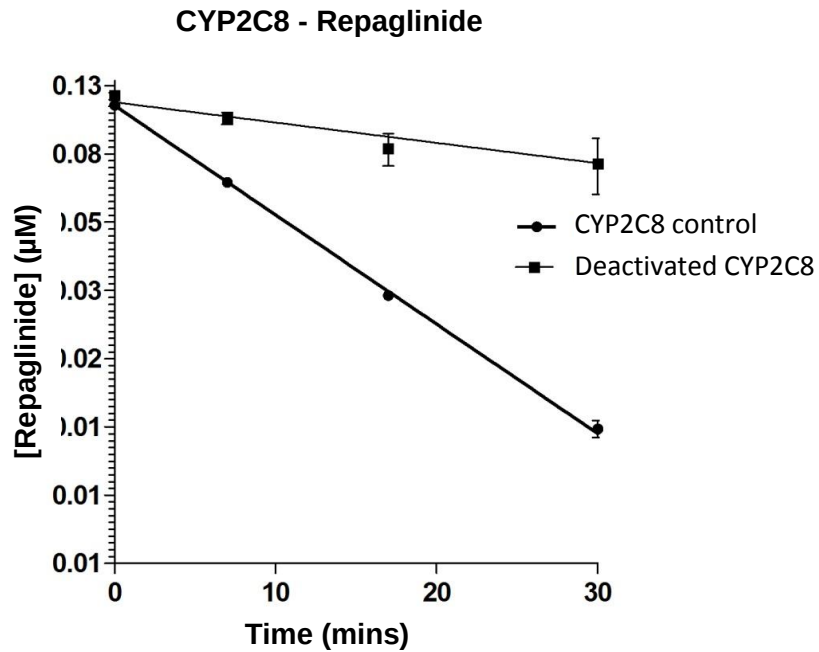
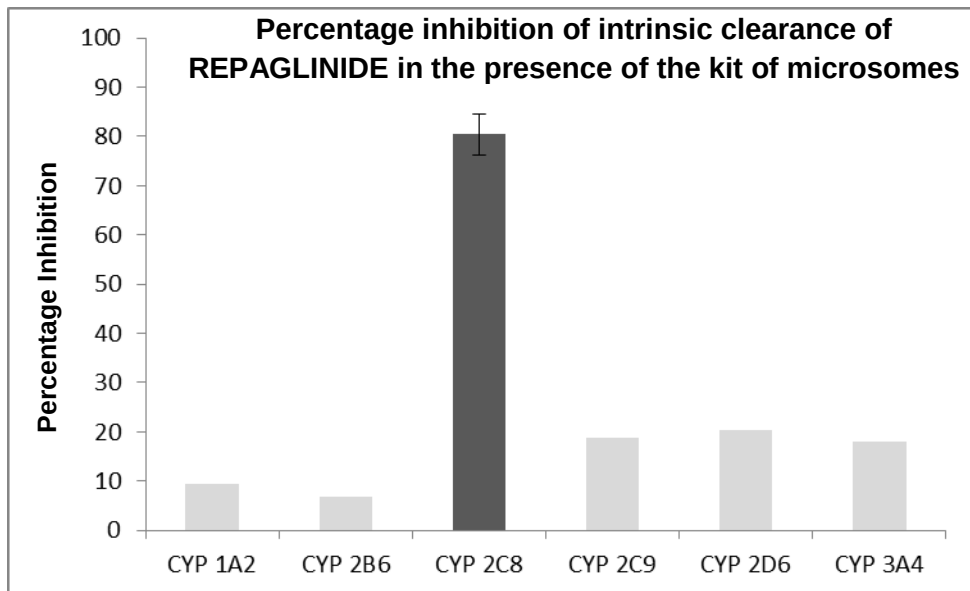


Figure 27: Kinetics of disappearance of repaglinide in the presence of isolated, irreversibly inhibited microsome 2C8 and its homologous control (n = 3)



5

Figure 28: Percentage inhibition of intrinsic clearance of repaglinide in the presence of the kit of isolated, irreversibly inhibited microsomes compared to their homologous controls

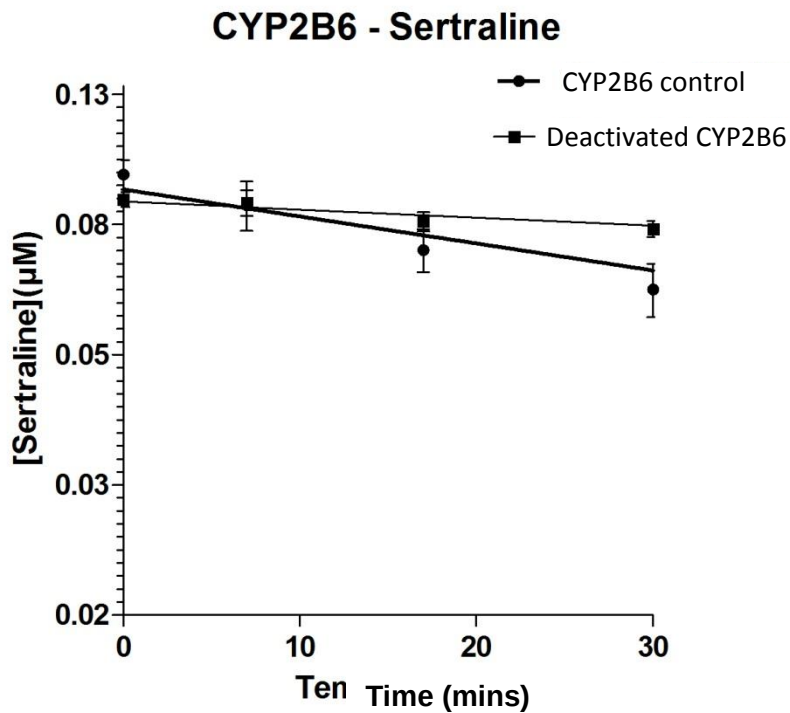


Figure 29: Kinetics of disappearance of sertraline in the presence of isolated, irreversibly inhibited microsome 2B6 and its homologous control (n = 3)

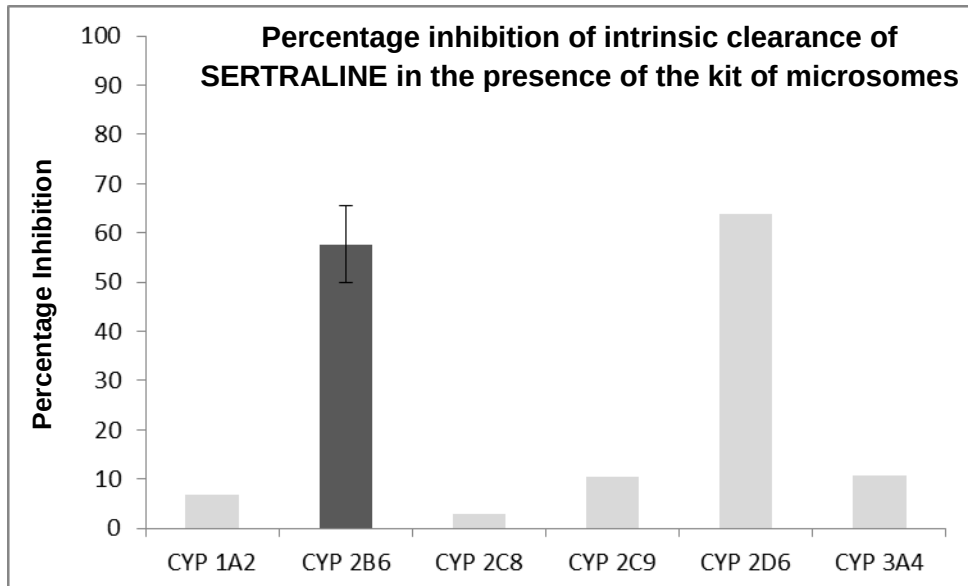


Figure 30: Percentage inhibition of intrinsic clearance of sertraline in the presence of the kit of isolated, irreversibly inhibited microsomes compared to their homologous controls.