

Supplemental data

Serotonin receptors of 5-HT₂ type in the hypothalamic arcuate nuclei (ARC) positively regulate liver cytochrome P450 *via* stimulation of the GHRH-GH hormonal pathway

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DRUG METABOLISM AND DISPOSITION

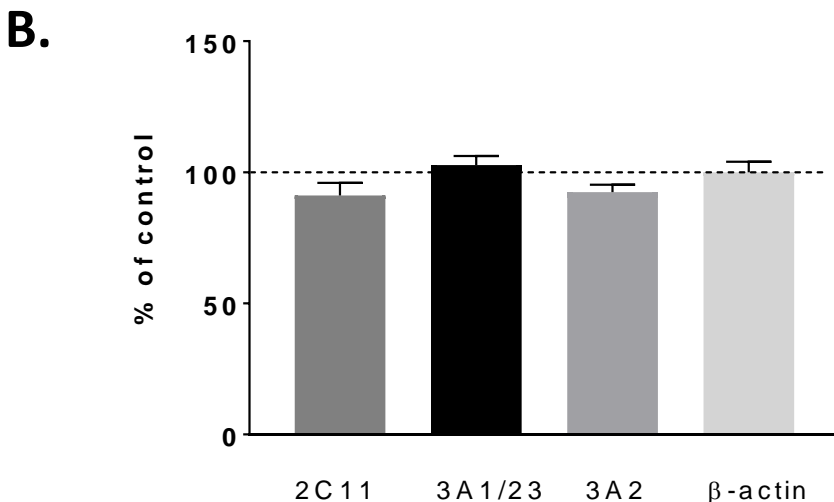
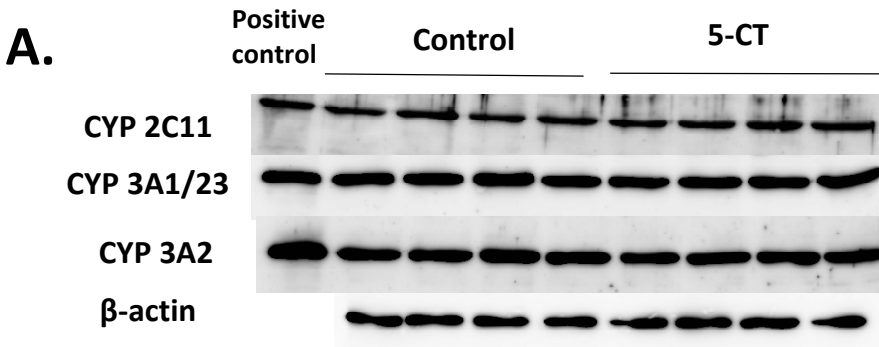


Fig. 1S The effect of the repeated injection of the 5-HT₁ receptor agonist 5-CT into the ARC (5 μ g/side) on the protein level of CYP2C11, CYP3A1/23 and CYP3A2 isoenzymes in rat liver microsomes. Microsomal proteins, 10 μ g, were subjected to the Western immunoblot analysis. The presented results are representative blots from four (for the control and for 5-CT) separate rats per treatment (**A**). The data are expressed as the mean \pm S.E.M. (n=6-8) (**B**). Statistical significance was assessed by Student's *t*-test.