

Electronic Supplementary Material

Title: Effects of cariprazine on extracellular levels of glutamate, GABA, dopamine, noradrenaline and serotonin in the medial prefrontal cortex in the rat phencyclidine model of schizophrenia studied by microdialysis and simultaneous recordings of locomotor activity

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Supplementary Fig. 1 Effects of cariprazine and aripiprazole on the extracellular levels of GABA in the mPFC of awake rats. A) Administration of PCP (5 mg/kg, i.p.) at time 0 min had no significant impact on the extracellular GABA levels. There was only a tendency to decrease the values; the lowest level of $79 \pm 8\%$ of the controls was achieved at 120 min. B) PCP slightly but not significantly decreased the basal GABA levels; pretreatment with cariprazine and aripiprazole showed a tendency to reverse this effect, which was significant for cariprazine at the highest dose (**+**, $P < 0.05$).

