

Summary

The aim of this work was to find whether prevent administration of L-CAR affect pharmacological effect of GAL. As a marker of the effect of tested drugs was chosen determination of activity of AChE. Calorimetric method according to Ellman for determination of cholinesterases was chosen. Activity of AChE was measured in the hypophysis and brain parts (the frontal cortex, hippocampus, medial septum and basal ganglia) of laboratory rat. L-CAR significantly increased inhibitory effect of higher dose of GAL in hippocampus. In the frontal cortex this increasing was on the limit of statistical significance. The results obtained suggest the benefit of L-CAR and GAL combination in patients with SDAT.