PRELIMINARY COMMUNICATION

SIB 1893 POSSESSES PRO- AND ANTICONVULSANT ACTIVITY IN THE ELECTROSHOCK SEIZURE THRESHOLD TEST IN MICE

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SIB 1893, a non-competitive antagonist of group I metabotropic glutamate receptor subtype 5, administered at the doses ranging between 0.5–2 mg/kg markedly lowered the electroconvulsive threshold, whereas if applied at the higher dose of 40 mg/kg, it significantly raised the threshold for electroconvulsions in mice, exhibiting both pro- and anticonvulsive properties in this test.

Key words: SIB 1893, electroconvulsive threshold, maximal electroshock, valproate