Suppl. Figure 6  Blockade of P2X7 receptors increases spontaneous seizures in rats subjected to a pilocarpine-induced status epilepticus. Brilliant Blue G (BBG; 50 mg/kg) injected intraperitoneally (i.p.) to rats (for injection schedule see Methods Section) did not alter the latency time of spontaneous seizures following pilocarpine-induced status epilepticus (A) but increased the number of seizure attacks (B) and the number of seizure attacks reaching the indicated intensity on a Racine scale (C). Intracerebroventricularly (i.c.v.) injected AZ10606120 (3 μg; replotted from Fig. 6) had an effect comparable to that of BBG. Box plots (median, first and third quartiles; maximum and minimum values) of measurements on 6 rats per group. *P<0.05; statistically significant differences from the respective “Pilo+saline” groups.
Suppl. Figure 6