

Supplemental Figure 3. Effect of neurosteroid synthesis inhibitor on mechanical allodynia induced by spared nerve injury.

A-B: The 50% paw withdrawal threshold in the ipsilateral hind paw in Aminoglutethimide-treated rats decreased significantly 1 day after spared nerve injury, whereas in the vehicle-treated group, 50% paw withdrawal threshold did not change until 2 days after spared nerve injury (n = 5). **p* < 0.05, ***p* < 0.01, ****p* < 0.001 compared with baseline; ##*p* < 0.01 compared with vehicle-treated group. C-D: Immunohistochemistry showed that 7 days after spared nerve injury, compared to the vehicle-treated group, more microglia but not astrocytes in Aminoglutethimide-treated group was activated, #*p* < 0.05 compared with vehicle-treated spared nerve injury group (n = 5). SNI = spared nerve injury; GFAP = glial fibrillary acidic protein; Iba1 = ionized calcium binding adaptor molecule 1.

