

## Intra-hippocampal L-NAME low dose did not affect morphine antinociception in the rat formalin test

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Introduction: This laboratory has shown previously that intra-hippocampal CA1 injections of L-arginine, a nitric oxide (NO) precursor, can attenuate the morphine-induced antinociception in rat formalin test. We investigated the

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NG-Nitro-L-arginine Methyl Ester (L-NAME), the NO synthase inhibitor, intra-CA1 injection to interfere with the morphine anti-pain effect using rat formalin test.

Methods: Male Wistar rats in group control received subcutaneous (s.c.) injections of formalin (50  $\mu$ l at 2.5%) once