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Title: Beneficial Effect of Etazolate on Depression-like Behavior and, Learning, and Memory Impairment in a Model of Parkinson's Disease

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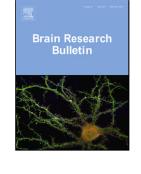
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Beneficial Effect of Etazolate on Depression-like Behavior and, Learning, and

Memory Impairment in a Model of Parkinson's Disease

Running title: Etazolate and Parkinson's-induced learning and memory impairment

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Abstract

The aim of this study was to evaluate etazolate against depression-like behavior and,

learning and memory impairment induced by 6- hydroxydopamine (6-OHDA) rat model

of Parkinson's disease (PD). This aim was achieved through comparing 6-OHDA lesioned

rats in the presence and absence of etazolate. The 6-OHDA was used to induce lesion as a

model of PD. Etazolate was administered at a dose of 1mg/kg/day for 14 days, starting 7

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