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Ketamine and Ketamine Metabolites as Novel Estrogen Receptor Ligands: Induction of Cytochrome P450 and AMPA Glutamate Receptor Gene Expression

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## ACCEPTED MANUSCRIPT

## Biochemical Pharmacology

Ketamine and Ketamine Metabolites as Novel Estrogen Receptor Ligands: Induction of Cytochrome P450 and AMPA Glutamate Receptor Gene Expression

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Running title: Ketamine and its metabolites are ERa Ligands

Keywords: Ketamine, Ketamine metabolites, Estrogens, CYP2A6, CYP2B6, AMPA receptors

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