Title: 5-HT6 receptor agonist EMD386088 impairs behavioral flexibility and working memory

Authors: Dionisio A. Amodeo, Sophie Peterson, Alma Pahua, Rebekah Posadas, Armando Hernandez, Emily Hefner, David Qi, Jesus Vega

PII: S0166-4328(17)31902-2
DOI: https://doi.org/10.1016/j.bbr.2018.04.032
Reference: BBR 11398

To appear in: *Behavioural Brain Research*

Received date: 27-11-2017
Revised date: 19-4-2018
Accepted date: 20-4-2018

Please cite this article as: Amodeo DA, Peterson S, Pahua A, Posadas R, Hernandez A, Hefner E, Qi D, Vega J, 5-HT6 receptor agonist EMD386088 impairs behavioral flexibility and working memory, *Behavioural Brain Research* (2010), https://doi.org/10.1016/j.bbr.2018.04.032

5-HT6 receptor agonist EMD386088 impairs behavioral flexibility and working memory

Running Title: EMD386088 impairs working memory and reversal learning

Dionisio A. Amodeo, Sophie Peterson, Alma Pahua, Rebekah Posadas, Armando Hernandez, Emily Hefner, David Qi, Jesus Vega

Department of Psychology, California State University San Bernardino
5500 University Parkway, San Bernardino, CA 92407

Number of Pages: 28

Number of Figures: 7

Address all correspondence to:
Dionisio A. Amodeo
Department of Psychology
California State University San Bernardino
5500 University Parkway
San Bernardino, CA 92407
Electronic mail: dionisio.amodeo@csusb.edu
Phone: (909) 537-3587

Highlights

- EMD386088 treatment impaired probabilistic reversal learning through perseveration

- EMD386088 treatment impaired spatial working memory in C57BL/6J mice

- Locomotor activity was not altered by systemic EMD386088 treatment