

SUPPORTING INFORMATION

Defining Structure-Functional Selectivity Relationships (SFSR) for a Class of Non-Catechol Dopamine D₁ Receptor Agonists

Michael L. Martini^{1,2}, Jing Liu¹, Caroline Ray³, Xufen Yu¹, Xi-Ping Huang⁵, Aarti Urs⁴, Nikhil Urs⁴, John D. McCorvy^{5,6*}, Marc G. Caron^{3,7*}, Bryan L. Roth^{5*}, and Jian Jin^{1*}

¹Mount Sinai Center for Therapeutics Discovery, Departments of Pharmacological Sciences and Oncological Sciences, Tisch Cancer Institute, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

²Medical Scientist Training Program, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

³Department of Cell Biology, Duke University Medical Center, Durham, NC 27710, USA

⁴Department of Pharmacology and Therapeutics, College of Medicine, University of Florida, Gainesville, FL 32610, USA

⁵Department of Pharmacology and National Institute of Mental Health Psychoactive Drug Screening Program, School of Medicine, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27599, USA

⁶Department of Cell Biology, Neurobiology and Anatomy, Medical College of Wisconsin, Milwaukee, WI 53226, USA

⁷Department of Medicine and Neurobiology, Duke University Medical Center, Durham, NC 27710, USA

Table of Contents

- A. ¹H NMR spectrum of compound **40** (Figure S1)
- B. ¹H NMR spectrum of compound **41** (Figure S2)

