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(54) Title: NOVEL NEUROMODULATORY COMPOUNDS

(57) Abstract: Provided herein are novel neuromodulatory compounds and compositions thereof. In other embodiments, provided herein are methods of treatment, prevention, or amelioration of a variety of medical disorders such as, for example, migraine and Parkinson's disease, using the compounds and compositions disclosed herein. In still other embodiments, provided herein are methods of agonizing receptors such as, for example, the 5-HT_{1D} and/or the 5-HT_{1B} receptor, without agonizing the 5-HT_{2B} receptor using the compounds and compositions disclosed herein. In still other embodiments, provided herein are methods of antagonizing or inhibiting activity at receptors such as, for example, the adrenergic alpha_{2A} and/or the alpha_{2B} receptors using the compounds and compositions disclosed herein. In other embodiments, provided herein are methods of agonizing dopaminergic D₂ receptors and/or antagonizing or inhibiting activity of receptors such as the 5-HT₂ receptors using the compounds and compositions disclosed herein.



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