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(54) **Title**: PREPARATION AND THERAPEUTIC APPLICATIONS OF (2S,3R)-N-2-((3-PYRIDINYL)METHYL)-1-AZABICYCLO[2.2.2]OCT-3-YL)-3,5-DIFLUOROBENZAMIDE

(57) **Abstract**: The present invention relates to compounds that bind to and modulate the activity of neuronal nicotinic acetylcholine receptors, to processes for preparing these compounds, to pharmaceutical compositions containing these compounds, and to methods of using these compounds for treating a wide variety of conditions and disorders, including those associated with dysfunction of the central nervous system (CNS).