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(54) Title: NOVEL GAMMA SECRETASE INHIBITORS

(57) Abstract: This invention discloses novel gamma secretase inhibitors of the formula:(Chemical formula should be inserted here as it appears on abstract in paper form)wherein: R1 is a substituted aryl or substituted heteroaryl group; R2 is an R1 group, alkyl, -X(CO)Y, -(CR32)1-4X(CO)Y; each R3A is independently H or alkyl; X is -O-, -NH, or -N-alkyl; and Y is -NR6R7, or -N(R3)(CH2)2-6NR6R7. Also disclosed is a method of treating Alzheimer s Disease.