

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number
WO 2005/097768 A3

(51) International Patent Classification⁷: **C07D 401/06**,
401/14, 471/04, A61K 31/44, A61P 25/28

(21) International Application Number:
PCT/US2005/011456

(22) International Filing Date: 4 April 2005 (04.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/559,529 5 April 2004 (05.04.2004) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

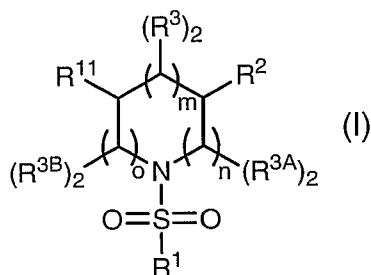
Published:

— with international search report

(88) Date of publication of the international search report:
15 December 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NOVEL GAMMA SECRETASE INHIBITORS



(57) Abstract: Gamma-secretase inhibitors of the formula: Chemical formula should be inserted here as it appears on the abstract in paper form. are useful in treating various neurodegenerative diseases, wherein, for example: R1 includes unsubstituted or substituted aryl or heteroaryl groups; R2 includes -C(O)-Y, alkylene-C(O)-Y, alkylene-cycloalkylene-C(O)-Y, cycloalkylene-alkylene-C(O)-Y, alkylene cycloalkylene-alkylene-C(O)-Y, cycloalkylene-C(O)-Y, -S(O)-Y, alkylene-S(O)-Y, alkylene-cycloalkylene-S(O)-Y, cycloalkylene-alkylene-S(O)-Y, alkylene cycloalkylene-alkylene-S(O)-Y, cycloalkylene-S(O)-Y, -S(O2)-Y, alkylene-S(O2)-Y, alkylene cycloalkylene S(O2)-Y, cycloalkylene alkylene S(O2)-Y, alkylene cycloalkylene-alkylene-S(O2)-Y, and cycloalkylene-S(O2)-Y, wherein Y is as defined herein, and each of said alkylene or

cycloalkylene may be unsubstituted or substituted as provided herein; each R3 is independently includes H, alkyl, O alkyl, OH, N(R9)2, acyl, and aroyl; or the moiety (R3)2, together with the ring carbon atom to which it is shown attached in formula I, defines a carbonyl group, -C(O)-; each R3A and R3B independently includes H, or alkyl; R11 includes aryl, heteroaryl, alkyl, cycloalkyl, arylalkyl, arylcycloalkyl, heteroarylalkyl, heteroarylcycloalkyl, arylheterocycloalkyl, or alkoxyalkyl. One or more of the compounds of formula I, or pharmaceutically acceptable salts, solvates, and/or esters, or compositions comprised thereof, may be used to treat, e.g., Alzheimer's Disease.