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(54) Title: 2-AMINO-QUINAZOLINE DERIVATIVES USEFUL AS INHIBITORS OF BETA-SECRETASE (BACE)

(57) Abstract: The present invention is directed to novel 2-amino-3, 4-dihydroquinazoline derivatives, pharmaceutical compositions containing them and their use in the treatment of Alzheimer's disease (AD) and related disorders. The compounds of the invention are inhibitors of P-secretase, also known as n-site cleaving enzyme and BACE.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 739 056 A (VENUTI ET AL) 19 April 1988 (1988-04-19) Columns 20-23: copounds comprising a 2-acetamido and a 3-alkoxycarbonylmethyl group;claims 1,14; examples 1,5-7	1,2,4, 12-15
X	reaction scheme I: (4)	21
X	US 4 761 416 A (FRIED ET AL) 2 August 1988 (1988-08-02) column 13, lines 51-53; claims 1,16 column 14, line 67 - column 23, line 29: the compounds not excluded via proviso	1-4, 12-15
X	reaction scheme I: (4)	21

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
24 January 2006	10/02/2006

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Grassi, D

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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X	EP 0 406 958 A (JANSSEN PHARMACEUTICA N.V) 9 January 1991 (1991-01-09) pages 4,5; compound II interm. 7, 10, 11 in examples 1 and 2 -----	21
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