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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: SUBSTITUTED BENZAMIDE DERIVATIVES AS IN VITRO MAO-B INHIBITORS

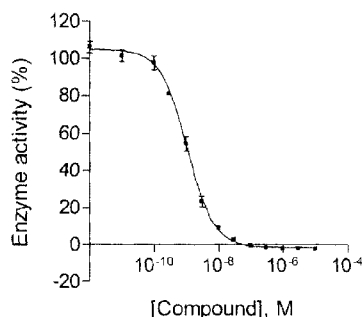
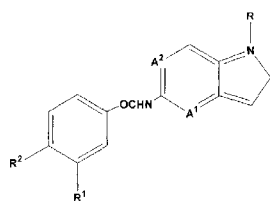
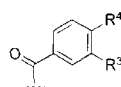


FIG. 1



I



(57) Abstract: The invention relates to the use of substituted benzamide derivatives of Formula I: Wherein: A¹ and A² are -N or -CH, so that if A¹ is -N, then A² is -CH and If A² is -N, then A¹ is -CH; R is a hydrogen atom, or represents branched or unbranched -(C₁-C₃)-alkyl, -(C₁-C₃)-alkyl, wherein one, two or three hydrogen atoms may be substituted by a halogen or hydroxyl, -(C₁-C₃)-O-(C₁-C₃), -(C₁-C₃)-O-(C₁-C₃), wherein one, two or three hydrogen atoms may be substituted by a halogen, or R is a group wherein R³ and R⁴ both together or independently are halogen, hydroxyl, -(C₁-C₃)-alkyl, wherein one, two or three hydrogen atoms may be substituted by a halogen or hydroxyl, -O-(C₁-C₃)-alkyl, -O-(C₁-C₃)-alkyl, wherein one, two or three hydrogen atoms may be substituted by a halogen, -O-(C₁-C₃)-O-(C₁-C₃), -O-(C₁-C₃)-O-(C₁-C₃), wherein one, two or three hydrogen atoms may be substituted by a halogen; R¹ and R² both together or independently are halogen, hydroxyl, -(C₁-C₃)-alkyl, -(C₁-C₃)-alkyl, wherein one, two or three hydrogen atoms may be substituted by a halogen or hydroxyl, -O-(C₁-C₃)-alkyl, -O-(C₁-C₃)-alkyl, wherein one, two or three hydrogen atoms may be substituted by a halogen, -O-(C₁-C₃)-O-(C₁-C₃), -O-(C₁-C₃)-O-(C₁-C₃), wherein one, two or three hydrogen atoms may be substituted by a halogen, their pharmaceutically acceptable salts, isomers or mixtures thereof as in vitro selective MAO-B inhibitors. The substituted benzamide derivatives of Formula I, their pharmaceutically acceptable salts, isomers or mixtures thereof are useful for the manufacture of a medicament for prevention and treatment of acute and chronic neurological disorders, cognitive and neurodegenerative diseases, more precisely for the manufacture of a medicament for prevention and treatment of neurodegenerative disorders such as Parkinson's Disease and Alzheimer's Disease.



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A. CLASSIFICATION OF SUBJECT MATTER INV. C07D471/04 A61K31/407 A61P25/16 A61P25/28 ADD.		
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) A61K C07D		
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 practicable, search terms used) EPO-Internal, WPI Data, CHEM ABS Data, EMBASE		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	WO 2009/061730 A2 (ARRAY BIOPHARMA INC.) 14 May 2009 (2009-05-14) abstract; claims; example 3 ----- -/--	1-4
☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016		Authorized officer Kiernan, Andrea

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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