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(71) Applicant (for all designated States except US): **TAN-
ABE SEIYAKU CO., LTD.** [JP/JP]; 2-10, Dosho-machi
3-chome, Chuo-ku, Osaka-shi, Osaka 541-8505 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WITHERING-
TON, Jason** [GB/GB]; c/o GlaxoSmithKline p.l.c., New
Frontiers Science Park South, Third Avenue, Harlow,
Essex CM19 5AW (US). **ELLIOTT, Richard, Leonard**
[GB/GB]; c/o GlaxoSmithKline, p.l.c., New Frontiers
Science Park South, Third Avenue, Harlow, Essex CM19
5AW (GB).

(74) Agent: **KAWAMIYA, Osamu**; AOYAMA & PARTNERS,
IMP Building, 3-7, Shiromi 1-chome, Chuo-ku., Osaka-shi,
Osaka 540-0001 (JP).

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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR PREPARING QUINOLIN ANTIBIOTIC INTERMEDIATES

(57) Abstract: The present invention relates to novel pyridone derivatives capable of inhibiting α_4 integrin mediated cell adhesion, processes for their preparation, compositions comprising them and their use in the treatment of diseases capable of being modulated by the inhibition of cell adhesion.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/10119

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D215/22 C07D471/04 A61K31/47 C07D211/88 C07D401/12
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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)

IPC 7 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 practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CHANG L L ET AL: "THE DISCOVERY OF SMALL MOLECULE CARBAMATES AS POTENT DUAL ALPHA4BETA1/ALPHA4BETA7 INTEGRIN ANTAGONISTS" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 12, no. 2, 2002, pages 159-163, XP001148312 ISSN: 0960-894X the whole document --- -/--	1-18



Further documents are listed in the continuation of box C.



Patent family members are listed in 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 document 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, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Timmermans, M

INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LOBB R R ET AL: "SMALL MOLECULE ANTAGONISTS OF ALPHA4 INTEGRINS: NOVEL DRUGS FOR ASTHMA" EXPERT OPINION ON INVESTIGATIONAL DRUGS, ASHLEY PUBLICATIONS LTD., LONDON, GB, vol. 8, July 1999 (1999-07), pages 935-945, XP000983732 ISSN: 1354-3784 the whole document ---	1-18
A	SIRCAR I ET AL: "Synthesis and SAR of N-benzoyl-L-Biphenylalanine derivatives: DISCOVERY OF TR-14035, A DUAL ALPHA4BETA7/ALPHA4BETA1 INTEGRIN ANTAGONIST" BIOORGANIC & MEDICINAL CHEMISTRY, ELSEVIER SCIENCE LTD, GB, vol. 10, June 2002 (2002-06), pages 2051-2066, XP002250477 ISSN: 0968-0896 the whole document -----	1-18

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP 03/10119

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 16-18 are directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the compounds.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.