

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 June 2008 (19.06.2008)

PCT

(10) International Publication Number
WO 2008/072952 A3

(51) International Patent Classification:

A61K 9/00 (2006.01) *A61K 31/505* (2006.01)
A61K 9/127 (2006.01) *A61K 31/445* (2006.01)
A61K9/51 (2006.01) *A61K 31/573* (2006.01)
A61K 31/19 (2006.01) *A61K 31/56* (2006.01)
A61K 31/196 (2006.01) *A61P 35/00* (2006.01)
A61K 31/202 (2006.01) *A61P 35/02* (2006.01)

(21) International Application Number:

PCT/NL2007/000308

(22) International Filing Date:

11 December 2007 (11.12.2007)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

06077203.5 11 December 2006 (11.12.2006) EP

(71) Applicant (for all designated States except US): **UNIVERSITEIT UTRECHT HOLDING B.V.** [NL/NL]; Yalelaan 40, NL-3584 CM Utrecht (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SCHIFFELERS, Raymond Michel** [NL/NL]; Aelbrechtskade 149 C, NL-3023 JJ Rotterdam (NL). **METSELAAR, Josbert, Maarten** [NL/NL]; Sumatrastraat 32, NL-1094 ND Amsterdam (NL). **STORM, Gerrit** [NL/NL]; Elkerlijckpad 12, NL-3813 CN Amersfoort (NL).

(74) Agent: **HATZMANN, M.J.**; Johan de Wittlaan 7, NL-2517 JR The Hague (NL).

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

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
12 September 2008

(54) Title: ANTI-INFLAMMATORY COMPOUNDS CONTAINING COMPOSITIONS FOR TREATMENT OF CANCER

(57) Abstract: The present invention relates to compositions comprising non-steroidal anti-inflammatory compounds, and especially to the use of such compositions in the treatment of cancer or in the inhibition of cancer growth. More specifically, the invention relates to a method for targeting an anti-inflammatory compound to tumor tissue.



WO 2008/072952 A3

INTERNATIONAL SEARCH REPORT

International application No PCT/NL2007/000308

A. CLASSIFICATION OF SUBJECT MATTER					
INV. A61K9/00	A61K9/127	A61K9/51	A61K31/19	A61K31/196	
A61K31/202	A61K31/505	A61K31/445	A61K31/573	A61K31/56	
A61P35/00	A61P35/02				
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 A61P

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 , 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 2003/186950 A1 (GOUT PETER WILHELM [CA] ET AL) 2 October 2003 (2003-10-02) claims 1,12,13,22,24 paragraphs [0042], [0045], [0046], [0065]	1-9
X	WO 2006/068759 A (MAGELLAN COMPANIES INC [US]; COULTHURST JOHN [US]; SEABROOK SAMUEL GUI) 29 June 2006 (2006-06-29) the whole document	1-9
X	WO 03/103822 A (ETHYPHARM SA [FR]; HOARAU DIDIER [CA]; DELMAS PASCAL [CA]; LEROUX JEAN) 18 December 2003 (2003-12-18) page 20, lines 10-23 claims 27,32,33,45-47	1-9
	-/--	

<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.	<input checked="" type="checkbox"/> 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	'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
'E' earlier document but published on or after the international filing date	'X1' 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
'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)	'Y1' 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
'O' document referring to an oral disclosure, use, exhibition or other means	'&' document member of the same patent family
'P' document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 1 July 2008	Date of mailing of the international search report 09/07/2008
--	--

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 Rauter, Anton
---	---

INTERNATIONAL SEARCH REPORT

International application No

PCT/NL2007/000308

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate of the relevant passages	Relevant to claim No
X	US 2003/072794 A1 (BOULIKAS TENI [US]) 17 April 2003 (2003-04-17) claims 1,9,25,26,30,42 paragraphs [0055], [0156], [0157] -----	1-9
X	WO 2005/000272 A (ISIS PHARMACEUTICALS INC [US]; MEHTA RAHUL [US]; HARDEE GREG [US]; LEA) 6 January 2005 (2005-01-06) claims 1,39,40,45 page 12, line 1 - page 13, line 17 page 10, lines 1-10 page 1, lines 4-13 -----	1-9
X	WO 2006/095798 A (SUNSTAR INC [JP]; IMANAKA HIROMICHI [JP]; ISHIKADO ATSUSHI [JP]; OKU N) 14 September 2006 (2006-09-14) abstract -----	1-5,9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/NL2007/000308

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003186950 A1	02-10-2003	CA 2307278 A1	28-10-2001
WO 2006068759 A	29-06-2006	NONE	
WO 03103822 A	18-12-2003	AU 2003247061 A1	22-12-2003
		BR 0314767 A	26-07-2005
		CA 2488385 A1	18-12-2003
		CN 1658845 A	24-08-2005
		EP 1531800 A2	25-05-2005
		JP 2005532355 T	27-10-2005
		MX PA04012567 A	19-04-2005
		NZ 537393 A	26-01-2007
US 2003072794 A1	17-04-2003	NONE	
WO 2005000272 A	06-01-2005	NONE	
WO 2006095798 A	14-09-2006	EP 1857112 A1	21-11-2007
		US 2008102111 A1	01-05-2008