

(51) International Patent Classification:
C07H 17/08 (2006.01)(21) International Application Number:
PCT/US2009/034461(22) International Filing Date:
19 February 2009 (19.02.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/029,913 19 February 2008 (19.02.2008) US
61/029,915 19 February 2008 (19.02.2008) US
61/029,916 19 February 2008 (19.02.2008) US
61/050,921 6 May 2008 (06.05.2008) US(71) Applicant (for all designated States except US): **ADOLPH CORPORATION** [US/US]; 700 Pennsylvania Drive, Exton, Pennsylvania 19341 (US).

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, 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, ST, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

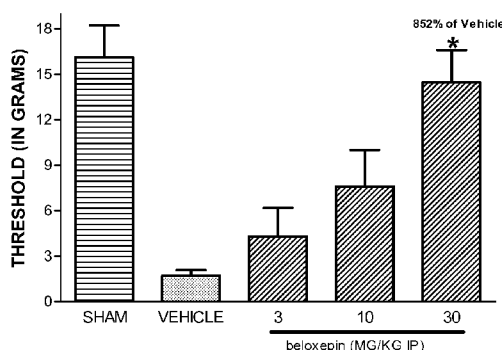
Published:

— with international search report (Art. 21(3))

(88) Date of publication of the international search report:
14 January 2010(54) Title: **BELOXEPIN, ITS ENANTIOMERS, AND ANALOGS THEREOF FOR THE TREATMENT OF PAIN**

FIG. 2

Antiallodynic Effect of Beloxepin (3, 10 and 30 mg/kg IP) in L5 SNL Rats 16 Days Post Surgery



* $p < 0.05$ compared to vehicle-treated L5 SNL rats
 $n = 4 - 7$ (SNL Groups), $n = 4$ Sham-operated animals
 Vehicle = 1.7 grams
 Animals were tested at 30 minutes post-drug

(57) Abstract: This present disclosure provides methods of treating pain with beloxepin, beloxepin enantiomers, and analogs thereof.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 09/34461

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - C07H 17/08 (2009.01)

USPC - 435/7.1

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)
USP - 435/7.1Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 435/7.1.6;424/236.1,247.1 (see search terms below)Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST, Google, Google Patents, Google Scholar, FreePatentsOnline - pain, treat\$, noradrenaline, norepinephrine, reuptake, inhibit\$, transporter, enantiomer, 5HT, antagonist, substantial\$, pure, beloxepin, Org - 4428, nociceptive, non-nociceptive, oral\$, parenterally, administer\$, chronic, inflammatory, cancer, depression

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2007/041258 A1 (McComas et al.) 12 April 2007 (12.04.2007) para [0012], [0019], [0031], [0032], [0036], [0040], [0041], [0060], [0120], [0122], [0124], [0129], [0133], [0137], [0154], [0156], [0157], [0159]	1-22, 32-41, 65-74
Y	WO 2001/062341 A2 (Heal et al.) 30 August 2001 (30.08.2001) col 1, ln 22-25; col 2, ln 30-35	1-22, 32-55, 65-92
Y	WO 2004/052461 A1 (Groppi et al.) 24 June 2004 (24.06.2004) col 13, ln 17-24	23-92
Y	WO 2007/112453 A2 (Skubatch) 4 October 2007 (04.10.2007) para [00144]-[00145], [00161], [00165], [00167], [00263]	26-31, 59-64
Y	WO 2005/042501 A1 (Lazerwith et al.) 12 May 2005 (12.05.2005) col 1, ln 6, 10; col 17, ln 4, 7, 15, 18-21, 28, 28, 29; col 18, ln 16, 18-21, 24, 27, 29-31; col 19, ln 1-4; col 36, ln 17	54-55, 87-92
Y	US 2006/0293309 A1 (Thor et al.) 28 December 2006 (28.12.2006) para [0008], [0054], [0068], [0107], [0217]	42-44, 45-55
Y	WO 2007/142923 A1 (Gaeta) 13 December 2007 (13.12.2007) col 16, ln 25-27	45-46, 78-79
Y	WO 2006/079637 A1 (Cid-Nunez et al.) 3 August 2006 (03.08.2006) col 1, ln 6, 9; col 6, ln 5, 16; col 11, ln 11; col 13, ln 21; col 15, ln 18-23; col 16, ln 21; Abstract	75-92
Y	WO 97/044326 A1 (Berger et al.) 27 November 1997 (27.11.2007) col 4, ln 24-27; Abstract	88, 90
Y	WO 2007/129111 A1 (Swain) 15 November 2007 (15.11.2007) col 1, ln 15-23, 33-34	89



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"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

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Date of the actual completion of the international search

9 April 2009 (9 April 2009)

Date of mailing of the international search report

14 MAY 2009

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PCT OSP: 571-272-7774

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 09/34461

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2006/065600 A2 (Smith et al.) 22 June 2006 (22.06.2006) col 8, ln 22-23; col 14, ln 15-16; col 43, ln 10	91
Y	Paanakker, J.E. et al. 'Validation of an LC-MS assay for the quantification of the enantiomers of Org 4428 in human plasma' Journal of Pharmaceutical and Biomedical Analysis. 28 October 1998. Vol. 16, pg. 981-989. p. 982, 988	23-92