



(51) International Patent Classification:

C07J 71/00 (2006.01) *A61P 11/06* (2006.01)
A61K 31/58 (2006.01) *A61P 37/08* (2006.01)
A61P 5/44 (2006.01)

(21) International Application Number:

PCT/EP2012/054439

(22) International Filing Date:

14 March 2012 (14.03.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11158230.0 15 March 2011 (15.03.2011) EP

(71) Applicant (for all designated States except US): **CHIESI FARMACEUTICI S.p.A.** [IT/IT]; Via Palermo, 26/A, I-43100 Parma (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GHIDINI, Eleonora** [IT/IT]; c/o CHIESI FARMACEUTICI S.p.A., Via Palermo, 26/A, I-43100 Parma (IT). **RIZZLI, Andrea** [IT/IT]; Via Palermo, 26/A, I-43100 Parma (IT).

(74) Agent: **MINOJA, Fabrizio**; Bianchetti Bracco Minoja S.r.l., Via Plinio, 63, I-20129 Milano (IT).

(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, CL, 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, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, 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, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: ISOXAZOLIDINE DERIVATIVES

(57) Abstract: The present invention relates to novel anti-inflammatory and antiallergic compounds of the glucocorticosteroid series, methods of preparing such compounds, pharmaceutical compositions comprising them, combinations and therapeutic uses thereof. More particularly, the invention relates to glucocorticosteroids that are derivatives of isoxazolidine.



WO 2012/123482 A2