

(43) International Publication Date
3 January 2014 (03.01.2014)

(51) International Patent Classification:

C07D 211/60 (2006.01) *A61P 19/00* (2006.01)
A61K 31/45 (2006.01) *A61P 29/00* (2006.01)

(21) International Application Number:

PCT/US2013/046684

(22) International Filing Date:

20 June 2013 (20.06.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/665,951 29 June 2012 (29.06.2012) US
 61/779,099 13 March 2013 (13.03.2013) US

(71) Applicant: **ELI LILLY AND COMPANY** [US/US];
 Lilly Corporate Center, Indianapolis, Indiana 46285 (US).

(72) Inventors: **SCHIFFLER, Matthew Allen**; c/o Eli Lilly
 and Company, P.O. Box 6288, Indianapolis, Indiana
 46206-6288 (US). **YORK, Jeremy Schulenburg**; c/o Eli
 Lilly and Company, P.O. Box 6288, Indianapolis, Indiana
 46206-6288 (US).

(74) Agents: **LENTZ, Nelsen L.** et al.; ELI LILLY AND
 COMPANY, P.O. Box 6288, Indianapolis, Indiana 46206-
 6288 (US).

(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, BN, 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, 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, PA, 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, 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,
 KM, ML, MR, NE, SN, TD, TG).

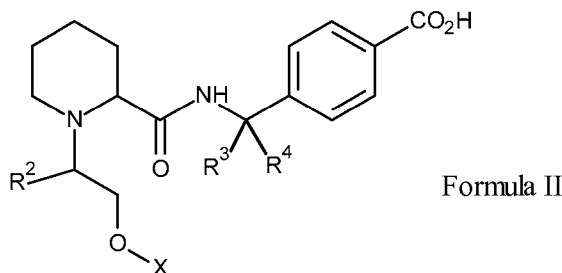
Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

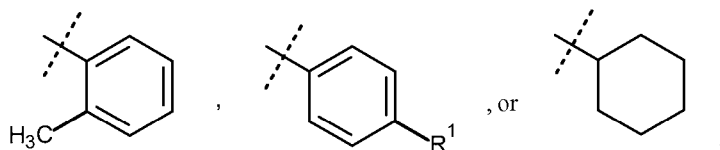
Published:

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

(54) Title: PHENOXYETHYL PIPERIDINE COMPOUNDS



wherein X is:



(57) Abstract: The present invention provides a compound of the Formula II: Formula II wherein X is: R¹ is H, -CN, or F; R² is H or methyl; R³ is H; and R⁴ is H, methyl, or ethyl; or R³ and R⁴ joined together form a cyclopropyl ring; or a pharmaceutically acceptable salt thereof.