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(21) International Application Number: PCT/US98/26008 (22) International Filing Date: 8 December 1998 (08.12.98) (30) Priority Data: 60/069,722 16 December 1997 (16.12.97) US 60/069,791 16 December 1997 (16.12.97) US 60/089,589 17 June 1998 (17.06.98) US (71) Applicant (for all designated States except US): ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): GODFREY, Alexander, Glenn [US/US]; 295 Innisbrooke Avenue, Greenwood, IN 46142 (US). KOHLMAN, Daniel, Timothy [US/US]; Apartment B, 5809 Sebring Drive, Indianapolis, IN 46254 (US). O'TOOLE, John, Cunningham [US/US]; 4 5155 Longmeadow Court, Indianapolis, IN 46221 (US). XU, Yao-Chang [CA/US]; 10815 Timber Springs Drive East, Fishers, IN 46038 (US). ZHANG, Tony, Yantao [US/US]; 12345 Moon River Court, Indianapolis, IN 46236 (US). (74) Agents: LENTZ, Nelsen, L. et al.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).		(81) Designated States: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>

(54) Title: ARYLPIPERAZINES HAVING ACTIVITY AT THE SEROTONIN 1_A RECEPTOR**(57) Abstract**

A series of arylpiperazine compounds are effective pharmaceuticals for the treatment of conditions related to or affected by the serotonin 1_A receptor; the compounds are particularly effective antagonists at that receptor, and are particularly useful for alleviating the symptoms of nicotine and tobacco withdrawal.



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