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(71) Applicant *(for all designated States except US)*: **WYETH HOLDINGS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **DUNCAN, Scott, Mason** [US/US]; 10 Stonecrest Circle, Madison, WI 53717 (US). **PAGAN, Miguel, Angel** [US/US]; 126 Robbins Road, Mount Hope, NY 10932 (US). **FLOYD, Middleton, Brawner, Jr.** [US/US]; 5 Babbling Brook Lane, Suffern, NY 10901 (US).

(74) Agents: **GOUDIE, Joy, S.** et al.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

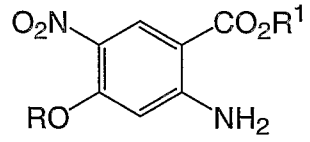
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(54) Title: PROCESS FOR THE SYNTHESIS OF 3-CYANO-6-ALKOXY-7-NITRO-4-QUINOLINES



(I)

(57) Abstract: There is provided a process for the preparation of 3-cyano-6-alkoxy-7-nitro-4-quinolone intermediates useful for the preparation of protein tyrosine kinase (PTK) inhibitors which are useful in the treatment of cancer of the formula, wherein R is alkyl(C,-C3) prepared by reacting a substituted anthranilate with N,Ndimethylformamide dimethyacetal to obtain a N,N-dimethylamidine which is condensed with t-butylcyanoacetate to obtain a N-(2-cyano-2-tbutoxycarbonylvinyl)anthranilate, which is hydrolyzed to yield a N-(2-cyano-2carboxyvinyl)anthranilate followed by decarboxylating to obtain a N-(2-cyano-2 carboxyvinyl)anthranilate followed by cyclizing to obtain a 3-cyano-6-alkoxy-7-nitro-4quinolone.

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