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(71) Applicant *(for all designated States except US)*: **NERVIANO MEDICAL SCIENCES S.r.l.** [IT/IT]; 11, Viale Pasteur, 10, I-20014 Nerviano (IT).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **D'ANELLO, Matteo** [IT/IT]; Via Matteotti, 18, I-20026 Novate Milanese (IT). **BATTISTINI, Carlo** [IT/IT]; Via G.Verga, 1, I-20026 Novate Milanese (IT). **FORNARETTO, Maria Gioia** [IT/IT]; Via Carlo Marx, 36, I-20153 Milan (IT). **VANOTTI, Ermes** [CH/IT]; Via Giovanni Cimabue, 4, I-20148 Milan (IT).

(74) Common Representative: **NERVIANO MEDICAL SCIENCES S.r.l.**; 11, Viale Pasteur, 10, I-20014 Nerviano (IT).

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(54) **Title**: PROCESS FOR THE PREPARATION OF 5-(2-AMINO-PYRIMIDIN-4-YL)-2-ARYL-1H-PYRROLE-3-CARBOXAMIDES

(57) **Abstract**: The present invention relates to a process for the preparation of 5-(2-amino- pyrimidin-4-yl)-2-aryl-lH-pyrrole-3-carboxamides and to the useful intermediate compounds of such process. 5-(2-Amino-pyrimidin-4-yl)-2-aryl-lH-pyrrole-3-carboxamides are described and claimed in WO2007110344, which also discloses processes for their preparation. These compounds can be advantageously prepared through a process which allows to obtain the desired products in high yields and purity and with a limited number of steps. The synthesis is starting from a cyano pyrrole derivative, and is characterized from the final hydrolysis of 5-(2-amino-pyrimidin-4-yl)-2-aryl-lH-pyrrole-3- carbonitrile. The compounds prepared according to the process of the present invention are endowed with protein kinase inhibiting activity and, more particularly, Cdc7 or Cdc7/Cdks inhibiting activity. The compounds are therefore useful in the treatment of a variety of cancers, cell proliferative disorders and diseases associated with protein kinases.