

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
9 March 2006 (09.03.2006)

PCT

(10) International Publication Number
WO 2006/024858 A1(51) International Patent Classification⁷: **C07D 231/38**,
403/12, 417/12, A61K 31/4155, 31/415, A61P 31/12,
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1 September 2005 (01.09.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0419416.3 1 September 2004 (01.09.2004) GB(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): 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, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.(71) Applicants (*for all designated States except US*): **INSTITUTE OF EXPERIMENTAL BOTANY OF THE ACADEMY OF SCIENCES OF THE CZECH REPUBLIC** [CZ/CZ]; Slechtitelu 11, 783 71 Olomouc (CZ). **CYCLACEL LIMITED** [GB/GB]; Dundee Technopole, James Lindsay Place, Dundee DD1 5JJ (GB).

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Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: 4-ARYLAZO-3,5-DIAMINO-PYRAZOLE COMPOUNDS AND USE THEREOF

(57) Abstract: A series of mono- and binuclear 4-arylazo-3,5-diamino-pyrazoles which are useful for inhibition of cyclin-dependent kinases (preferably CDK9). Hence they can be used as antimetabolic-, pro-apoptotic and antiinflammatory drugs, in particular, in chemotherapy of cancer and asthma, therapy of psoriasis and parasitoses as those caused by fungi or protists, treatment of Alzheimer's disease or as antineurodegenerative drugs, or to suppress immunostimulation. These compounds are useful in a variety of utilities, including as intermediates in the preparation of flame-retardants, diagnostic reagents and therapeutics, including antivirals and immunosuppressors.

WO 2006/024858 A1