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(71) Applicant *(for all designated States except US)*: **SHIRE BIOCHEM INC.** [CA/CA]; 275 Armand Frappier Boulevard, Laval, Quebec H7V 4A7 (CA).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: **YU, Qing** [CA/CA]; 58 Concorde Ouest, Laval, Quebec H7N 1H6 (CA).

(74) Agents: **WHEELER, Michael, E.** et al.; Smart & Biggar, P.O. Box 2999, Station D, 900-55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).

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(54) Title: ATEREOSELECTIVE METHOD FOR THE PREPARATION OF NUCLEOSIDE ANALOGUES

(57) Abstract: A process for producing predominantly *cis* nucleosides or nucleoside analogues and derivatives of formula (A): wherein R1 is a pyrimidine base or a pharmaceutically acceptable derivative thereof and Q is oxygen, carbon or sulphur, comprising a coupling step of the pyrimidine base with a molecule of formula (B) described herein in a suitable coupling solvent, in the presence of catalytic amounts of an element or combination of elements of groups 1B or 11B of the periodic table, a tertiary amine and a Lewis acid to obtained an intermediate of formula (D) which is deprotected in the subsequent step to generate the product of formula (A).