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Discovery of biphenyl-substituted diarylpyrimidines as non-nucleoside reverse transcriptase inhibitors with high potency against wild-type and mutant HIV-1

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Leave this area blank for abstract info. Discovery of Biphenyl-substituted Diarylpyrimidines as Non-nucleoside Reverse Transcriptase Inhibitors with High Potency against Wild-Type and Mutant HIV-1 KaiJun Jin<sup>a, b, §</sup>, Hong Yin<sup>a, §</sup>, Erik De Clercq<sup>c</sup>, Christophe Pannecouque<sup>c</sup>, Ge Meng<sup>a, b</sup>, FenEr Chen<sup>a, b\*</sup> <sup>a</sup> Engineering Center of Catalysis and Synthesis for Chiral molecules, Department of Chemistry, Fudan University, Shanghai 200433, People's Republic of China <sup>b</sup> Shanghai Engineering Center of Industrial Asymmetric Catalysis for Chiral Drugs, Shanghai 200433, People's Republic of China <sup>c</sup> Rega Institute for Medical Research, KU Leuven, Herestraat 49, B-3000 Leuven, Belgium <sup>§</sup> KaiJun Jin and Hong Yin contributed equally. \* Corresponding authors. EC<sub>50</sub>(nM)= 1 (WT) 1.3 (L100I) 0.84 (K103N) CN (Y181C) (Y188L) (E138K) 1.5 11 Ш 2 >110 (F227L+V106A) (K103N+ Y188L 10 ΗŃ ŃН 1

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