Supporting Information

Efficient synthesis of UDP-furanoses via 4,5-dicyanoimidazole(DCI)-promoted coupling of furanosyl-1-phosphates with uridine phosphoropiperidate

Wei-Jie Chen, Shuai-Bo Han, Zhen-Biao Xie, Hua-Shan Huang, Duo-Hua Jiang, Shan-Shan Gong* and Qi Sun*

Jiangxi Key Laboratory of Organic Chemistry, Jiangxi Science and Technology Normal University, 605 Fenglin Avenue, Nanchang, Jiangxi 330013, PR China

E-mails: gongshanshan@jxstnu.edu.cn;sunqi@jxstnu.edu.cn

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1. The NMR spectra of 5-8



Figure S1. ¹H NMR of 5



Figure S2. ¹³C NMR of **5**



Figure S3. ³¹P NMR of **5**



Figure S4. ¹H NMR of **6**



Figure S5. ¹³C NMR of **6**



Figure S6. ³¹P NMR of **6**



Figure S7. ¹H NMR of **7**



Figure S8. ¹³C NMR of **7**



Figure S9. ³¹P NMR of **7**



Figure S10. ¹H NMR of 8



Figure S11. ¹³C NMR of 8



Figure S12. ³¹P NMR of 8

2. The NMR spectra of 9–13



Figure S13. ¹H NMR of **9**



Figure S14. ¹³C NMR of **9**



Figure S15. ³¹P NMR of **9**



Figure S16. ¹H NMR of **10**



Figure S17. ¹³C NMR of **10**



Figure S18. ³¹P NMR of **10**



Figure S19. ¹H NMR of **11**



Figure S20. ¹³C NMR of **11**



Figure S21. ³¹P NMR of **11**



Figure S22. ¹H NMR of **12**



Figure S23. ¹³C NMR of **12**



Figure S24. ³¹P NMR of **12**



Figure S25. ¹H NMR of **13**



Figure S26. ¹³C NMR of **13**



Figure S27. ³¹P NMR of **13**

3. The NMR spectra of 15–19



Figure S28. ¹H NMR of **15**



Figure S29. ¹³C NMR of **15**



Figure S30. ³¹P NMR of **15**



Figure S31. ¹H NMR of **16**



Figure S32. ¹³C NMR of **16**



Figure S33. ³¹P NMR of 16



Figure S34. ¹H NMR of **17**



Figure S35. ¹³C NMR of **17**



Figure S36. ³¹P NMR of **17**



Figure S37. ¹H NMR of **18**



Figure S38. ¹³C NMR of **18**



Figure S39. ³¹P NMR of **18**



Figure S40. ¹H NMR of **19**



Figure S41. ¹³C NMR of **19**



Figure S42. ³¹P NMR of **19**

4. The HPLC traces of 16–19



Figure S43. HPLC trace of 16



Figure S44. HPLC trace of 17



Figure S45. HPLC trace of 18



Figure S46. HPLC trace of 19