Electronic Supplementary Information

"Organocatalytic Enantioselective Synthesis of Acyclic Pyrimidine Nucleosides by Aza-Michael Reaction"

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Spectral data and HPLC traces of new compounds	S2-S53
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X-Ray crystal structure of 8

S54



Racemate of 3a



Enantiomeric excess of 3a: 93%





Racemate of 3b



Enantiomeric excess of 3b: 95%





Racemate of 3c



Enantiomeric excess of 3c: 92%





Racemate of 3d



Enantiomeric excess of 3d: 94%





Racemate of 3e



Enantiomeric excess of 3e: 95%





Racemate of 3f



Enantiomeric excess of 3f: 95%





Racemate of 3g



Enantiomeric excess of 3g: 95%





Racemate of 3h



Enantiomeric excess of 3h: 96%





Racemate of 3i



Enantiomeric excess of 3i: 98%





Racemate of 3j



Enantiomeric excess of 3j: 92%





Racemate of 3k



Enantiomeric excess of 3k: 93%





Racemate of 31



Enantiomeric excess of 31: 92%





Racemate of 3m



Enantiomeric excess of 3m: 92%





Racemate of 3n



Enantiomeric excess of 3n: 91%





Racemate of 30



Enantiomeric excess of 30: 92%





Racemate of **3p**



Enantiomeric excess of 3p: 93%





Racemate of 3q



Enantiomeric excess of 3q: 93%





Racemate of 3r



Enantiomeric excess of 3r: 95%





Racemate of 3s



Enantiomeric excess of 3s: 94%





Racemate of 3t



Enantiomeric excess of 3t: 96%





Racemate of 3u



Enantiomeric excess of 3u: 96%







Enantiomeric excess of 4: 97%







Enantiomeric excess of 5: 97%











Enantiomeric excess of 6: 97%







Enantiomeric excess of 7: 93%













Enantiomeric excess of 8: 94%



X-Ray crystal structure of 8 (CCDC-1868522)





Thermal ellipsoids are drawn at the 50% probability level