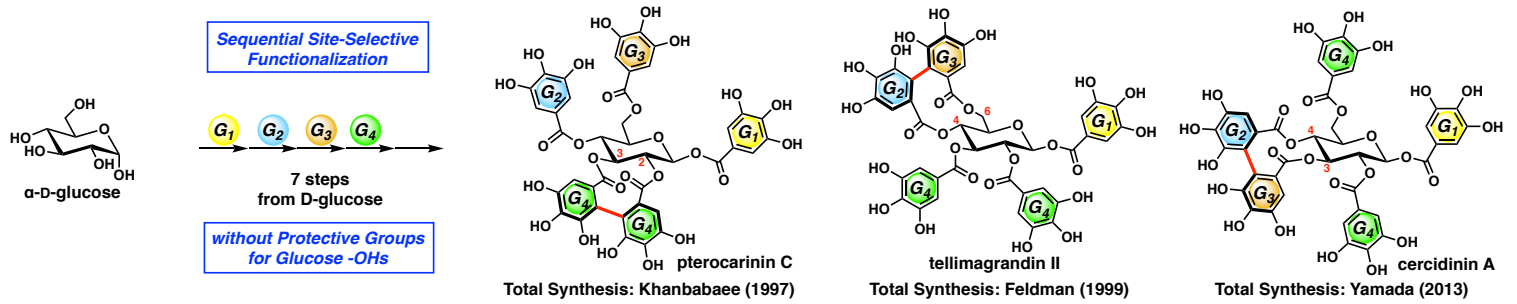
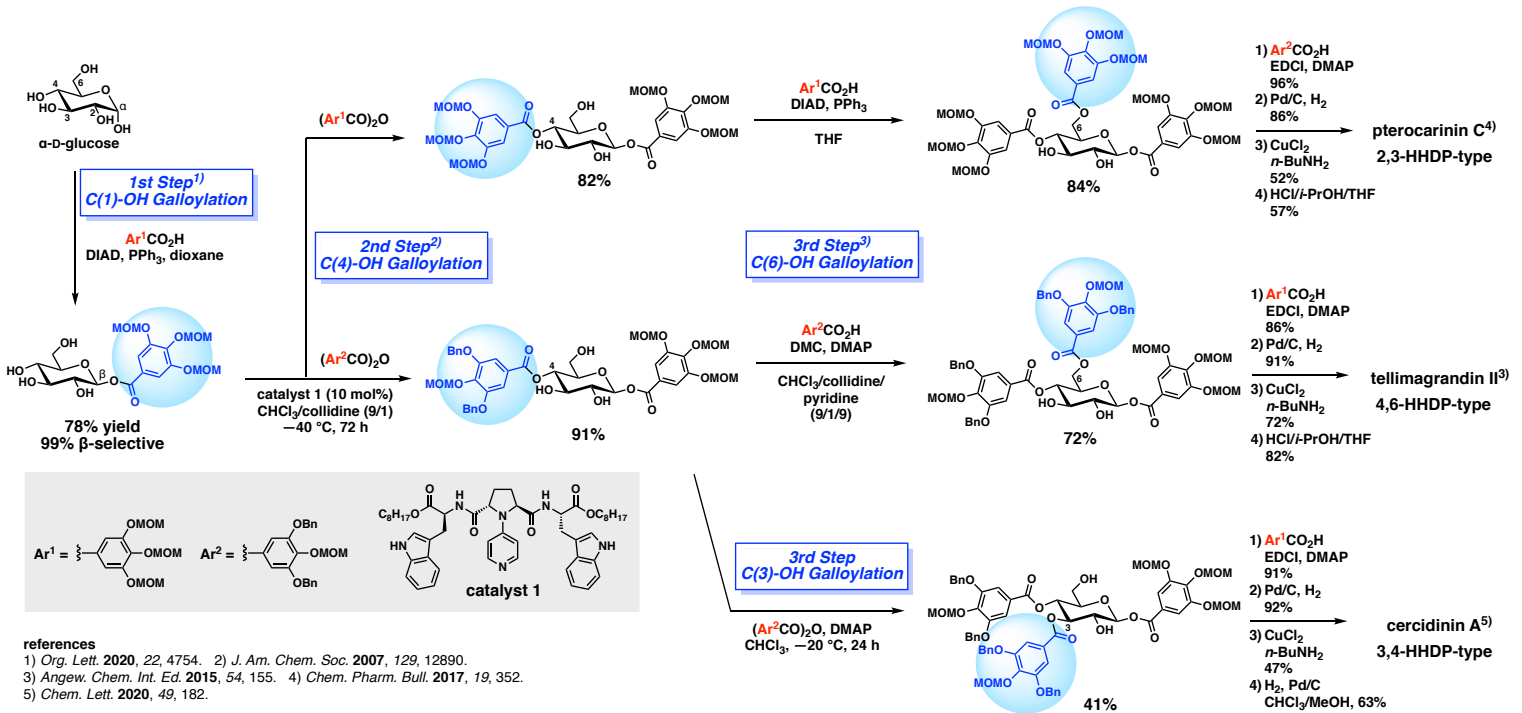


# グルコースの連続位置選択的官能基化に基づく 中分子型エラジタンニンの合成研究 (京大化研) 上田善弘

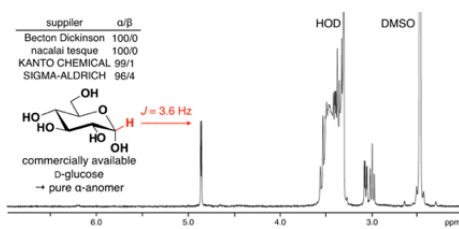


## 1. Total Synthesis of Regioisomeric Ellagitannins, Pterocararin C, Tellimagrandin II, and Cercidin A

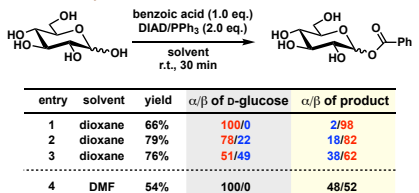


## 2. Scope and Mechanistic Investigation of Mitsunobu Glycosylation using D-Glucose

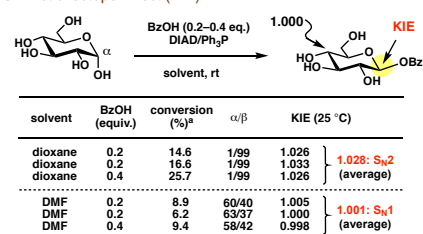
### <sup>1</sup>H-NMR of Commercial D-Glucose



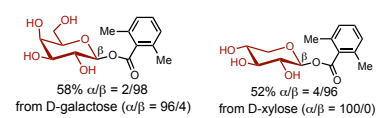
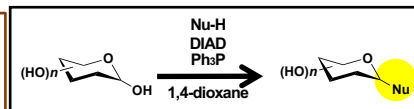
### Stereochemistry of Substrate and Product



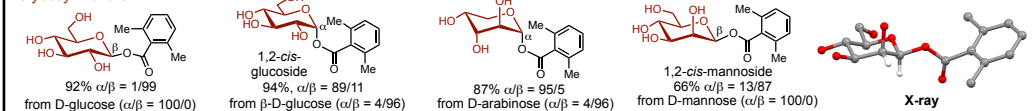
### <sup>13</sup>C Kinetic Isotope Effect (KIE)



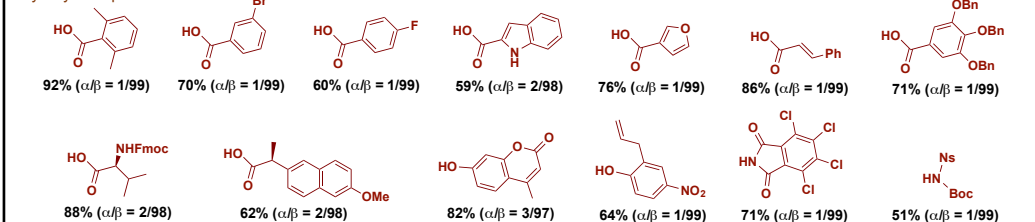
Scope of  
○ Glycosyl Acceptors  
○ Glycosyl Donors  
and  
Natural Glycoside Synthesis



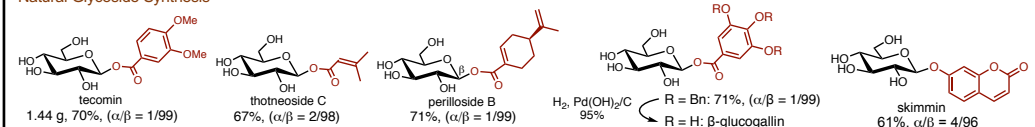
### Glycosyl Donors



### Glycosyl Acceptors



### Natural Glycoside Synthesis



### Acknowledgement

The Late Professor Hidetoshi Yamada (Kwansei Gakuin University) for the Valuable Suggestions about Oxidative Coupling  
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